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## MILITARY CONSTRUCTION APPROPRIATIONS FOR 1994

Y 4. AP 6/1: M 59/6/994/ PT. 1 Military Construction Appropriation...

NGS

BEFORE A

SUBCOMMITTEE OF THE

### COMMITTEE ON APPROPRIATIONS

### HOUSE OF REPRESENTATIVES

ONE HUNDRED THIRD CONGRESS

FIRST SESSION

### SUBCOMMITTEE ON MILITARY CONSTRUCTION APPROPRIATIONS

W. G. (BILL) HEFNER, North Carolina, Chairman

THOMAS M. FOGLIETTA, Pennsylvania CARRIE P. MEEK, Florida NORMAN D. DICKS, Washington JULIAN C. DIXON, California VIC FAZIO, California STENY H. HOYER, Maryland RONALD D. COLEMAN, Texas

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WILLIAM A. MARINELLI, HENRY E. MOORE, and MARY C. ARNOLD, Subcommittee Staff

### PART 1

### Justification of the Budget Estimates

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Army National Guard	549
Army Reserve	677

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### MILITARY CONSTRUCTION APPROPRIATIONS FOR 1994

### **HEARINGS**

BEFORE A

### SUBCOMMITTEE OF THE

### COMMITTEE ON APPROPRIATIONS

### HOUSE OF REPRESENTATIVES

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ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THCUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----ALABAMA ARMY ANNISTON ARMY DEPOT AMMUNITION DEMILITARIZATION FAC PH IV ANNISTON ARMY DEPOT 110,900 110,900 FORT RUCKER OPERATIONS FACILITY 1,150 PETROLEUM LAB AND FUEL STORAGE WHOLE BARRACKS RENEWAL 5,800 20,000 FORT RUCKER 26,950 \*\*ARMY 137.850 AIR FORCE GUNTER AFB CHILD DEVELOPMENT CENTER 2,700 EMERGENCY POWER GENERATOR PLANT HAZARDOUS WASTE ACCUMULATION FACILITY 1,200 310 SPILL CONTAINMENT CONTROLS 470 4.680 CUNTER AFB MAXWELL AFB AIR FORCE QUALITY CENTER \*EXTEND RUNWAY/UPGRADE 4,650 9,200 SPILL CONTAINMENT CONTROLS 970 3,800 TAXIWAY/RAMP UNDERGROUND FUEL STORAGE TANKS UPGRADE UTILITY SYSTEMS, PHASE 1 1,700 MAXWELL AFB
AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR 25,370 (9,200) 30,050 \*\*AIR PORCE AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR (9,200) DOD DEPENDENT SCHOOLS FORT MCCLELLAN FT MCCLELLAN ELEM SCHOOL ADDN FORT MCCLELLAN 2.798 2.798 ARMY MATIONAL GUARD EGLIN AIR FORCE BASE (FL)
RANGE, MULTIPURPOSE COMPLEX (MPRC) 3,825 EGLIN AIR PORCE BASE (FL) 3.825 MOBILE ORGANIZATIONAL HAINT SHOP 502 MOBILE 502 \*\*ARMY MATIONAL GUARD 4,327 AIR MATICMAL GUARD ABSTON ANG STATION COMMUNICATIONS & ELECTRONICS TRAINING FAC ABSTON ANG STATION 693 693 BIRMINGHAM MAP AIRCRAFT HAINTENANCE HANGAR FUEL CELL DOCK 5,500 4.400 BIRNINGHAN HAP 9,900 DANNELLY FIELD
VEHICLE MAINTENANCE COMPLEX
DANNELLY FIELD 1,750 1,750

12.343

\*\*AIR MATIONAL GUARD

<sup>\*</sup> AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS)
STATE/COMP./INSTALLATION PROJ COST TOTAL -----PROJECT NAME----ALABAMA ARMY RESERVE BIRMINGHAM BATTLE PROJECTION CENTER BIRMINGHAM 4.719 4.719 \*\*\*FAMILY HOUSING\*\*\* AIR FORCE MAXWELL AFB FAMILY HOUSING (55 UNITS) {4,080} MAXWELL AFB (4.080) 192,087 \*\*ALABAMA AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR (9,200) (4,080) FAMILY HOUSING ALASKA AIR FORCE CAPE ROMANZOV AFS REPLACE TRAMWAY SYSTEM CAPE ROMANZOV AFS 3,350 3.350 EIELSON AFR CHILD DEVELOPMENT CENTER 5,400 FIRE TRAINING FACILITY 2,400 EIELSON AFB 7,800 ELMENDORF AFB ADD TO SANITARY SEWER SYSTEM 5,100 CHILD DEVELOPMENT CENTER CORROSION CONTROL FACILITY 5,070 5,975 6,800 DINING FACILITY HAZARDOUS WASTE STORAGE FACILITY
MUNITIONS EQUIPMENT FACILITY
MUNITIONS MAINTENANCE FACILITY 3,900 1,860 2.100 ELMENDORF AFB 30,805 \*\*AIR FORCE 41,955 DEFENSE LOGISTICS AGENCY
DEF REUTILIZATION 6 MKTG OFC FAIRBANKS COVERED STORAGE 6,500 DEF REUTILIZATION & MKTG OFC FAIRBANKS 6,500 DEFENSE MEDICAL SUPPORT ACTIVITY ELMENDORF AIR FORCE BASE HOSPITAL REPLACEMENT PHASE II 135,000 ELMENDORF AIR FORCE BASE 135,000 AIR NATIONAL GUARD RULIS ANGE REPLACE UNDERGROUND STORAGE TANKS RULIS ANGE 1,100 1.100 ARMY RESERVE FORT RICHARDSON ADD/ALT USARC/OMS/DS-GS/AMSA/STORAGE FORT RICHARDSON 10,324 10,324 194.879 \*\*ALASKA

ARIZOMA ARMY

FORT HUACHUCA

BATTALION HEADQUARTERS

4,800

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THCUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----ARIZONA ARMY FORT HUACHUCA GENERAL PURPOSE ADMINISTRATIVE FACILITY 4,050 FORT HUACHUCA 8,850 AIR FORCE DAVIS-MONTHAN AFE UNDERGROUND FUEL STORAGE TANKS 650 DAVIS-MONTHAN AFB 650 LUKE AFB DINING PACILITY 4,700 FIRE TRAINING FACILITY 800 UNDERGROUND FUEL STORAGE TANKS 1,250 LUKE AFB 6,750 NAVAJO ARMY DEPOT ALTER HINUTEMAN II STORAGE FACILITIES 7,250 NAVAJO ARMY DEPOT 7,250 \*\*AIR FORCE 14,650 AIR NATIONAL GUARD TUCSON LAP ADD TO AND ALTER COMMUNICATIONS FACILITY REPLACE UNDERGROUND STORAGE TANKS 700 440 TUCSON IAP 1,140 \*\*ARIZONA 24,640 ARKANSAS AIR FORCE LITTLE ROCK AFB ADAL ENGINE INSP & REPAIR SHOP - DBOF T ADD & ALTER CHILD DEVELOPMENT CTR - DBOF 1,200 2,250 ALTER JRTC OPERATIONS CENTER 1,050 LITTLE ROCK AFB 4,500 ARMY MATIONAL GUARD CAMP ROBINSON ARHORY 3,205 RANGE, MODIFIED RECORD FIRE 907 TRIG SITE, SEWER IMPROV TRIG SITE, UTILITIES RENOV 4,223 1,275 CAMP ROBINSON 9,610 AIR NATIONAL GUARD LITTLE ROCK AFE AIRCREW TRAINING FACILITY 3,750 LITTLE ROCK AFE 3,750 FT SHITH HAP AIRCRAFT CORROSION CONTROL FACILITY 1.100 FT SMITH HAP 1,100 \*\*AIR MATIONAL GUARD 4,850 \*\*\*FAMILY HOUSING\*\*\* AIR PORCE LITTLE ROCK AFE HOUSING OFFICE AND MAINTENANCE FACILITY {980} LITTLE ROCK AFE FAMILY HOUSING {980}

18,960

{980}

\*\*ARKAMSAS

FAMILY HOUSING

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS)

(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
CALIFORNIA		
ARMY		
FT IRWIN		
WHOLE BARRACKS RENEWAL	5,900	
FT IRWIN		5,900
NAVY ALAMEDA NAVAL AIR STATION		
CONTROL TOWER COMPLEX	4,700	
ALAMEDA NAVAL AIR STATION	4,,,,,	4,700
ALAMEDA MAYAD AIN SIRIION		
BARSTOW MARINE CORPS LOGISTICS BASE		
INDUSTRIAL WASTE TREATMENT PLANT	8,690	
BARSTOW MARINE CORPS LOGISTICS BASE		8,690
CAMP PENDLETON MARINE CORPS AIR STATION		
RADAR AIR TRAFFIC CONTROL FACILITY ADON	3,850	
CAMP PENDLETON MARINE CORPS AIR STATION		3,850
CAMP PENDLETON MARINE CORPS BASE	400	
ARMORY	480 1,340	
AUTOMATED FIELD FIRING RANGE	7,930	
SEWERAGE FACILITY WATER DISTRIBUTION SYSTEM IMPROVEMENTS	1,380	
CAMP PENDLETON MARINE CORPS BASE	1,300	11,130
CAMP PERDLETON MARINE CORPS BASE		22/230
EL TORO MARINE CORPS AIR STATION		
HAINTENANCE HANGAR ADDITION	1,950	
EL TORO MARINE CORPS AIR STATION		1,950
FALLBROOK NAVAL WEAPONS STATION ANNEX		
HARM MISSILE MAGAZINES - DBOF	4,630	
FALLBROOK NAVAL WEAPONS STATION ANNEX		4,630
LEMOORE NAVAL AIR STATION		
FIRE FIGHTING TRAINING FACILITY	1,930	1,930
LEMOORE NAVAL AIR STATION		1,930
SAN DIEGO FLEET & INDUSTRIAL SUPPLY CENTER		
FIRE PROTECTION SYSTEMS - DBOF	2,270	
SAN DIEGO FLEET & INDUSTRIAL SUPPLY CENTER		2,270
		0,0.0
SAN DIEGO MARINE CORPS RECRUIT DEPOT		
WAREHOUSE	1,130	
SAN DIEGO MARINE CORPS RECRUIT DEPOT		1,130
SAN DIEGO NAVAL HOSPITAL		
CHILD DEVELOPMENT CENTER	2,700	
SAN DIEGO NAVAL HOSPITAL		2,700
SAN DIEGO NAVAL TRAINING CENTER		
SAN DIEGO NAVAL TRAINING CENTER FIRE PROTECTION SYSTEM	700	
SAN DIEGO NAVAL TRAINING CENTER	700	700
SAN DIEGO NAVAL INAINING CENTER		
TWENTYNINE PALMS MARCORP AIR-GRND COMB CTR		
ACADEMIC INSTRUCTION BUILDING ADDITION	600	
ANTI-ARMOR TRACKING RANGE HODERNIZATION	3,940	
ARMORY	3,360	
TWENTYNINE PALMS MARCORP AIR-GRND COMB CTI	l	7,900
**NAVY		51,580
AIR FORCE		
EDWARDS AFB	5,900	
CHILD DEVELOPMENT CENTER UNDERGROUND FUEL STORAGE TANKS	5,400	
EDWARDS AFB	3,400	11,300
EUMPERS HER		,_,

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS) PRCJ COST STATE/COMP./INSTALLATION TOTAL -----PROJECT NAME-----CALIFORNIA AIR FORCE MCCLELLAN AFB FIRE PROTECTION ACFT FACILITIES - DEOF 1,900 1,900 MCCLELLAN AFB TRAVIS AFB 11,200 AIRCRAFT GENERAL PURPOSE MAINTENANCE SHOP UNDERGROUND FUEL STORAGE TANKS - DBOF T 2,840 14,040 TRAVIS AFB VANDENBERG AFB 3,500 HARDWARE STORAGE FACILITY SLFI-TPQ-18 RADAR FACILITY SLFI-UPGRADE FIRE PROTECTION SYSTEM UNDERGROUND FUEL STORAGE TANKS UPGRADE ELECTRICAL SYSTEM 2,408 1,600 1,700 11.520 20,728 VANDENBERG AFB \*\*AIR FORCE DEFENSE LOGISTICS AGENCY DEFENSE REUTIL AND MARKING OFC MARCH AFB DRMO RELOCATION 630 DEFENSE REUTIL AND MARKING OFC MARCH AFB 630 DEFENSE MEDICAL SUPPORT ACTIVITY EDWARDS AIR FORCE BASE LIFE SAFETY UPGRADE 1,700 1,700 EDWARDS AIR FORCE BASE AIR NATIONAL GUARD FRESNO ANGB REPLACE UNDERGROUND FUEL STORAGE TANKS 490 490 FRESNO ANGB ONTARIO INTERNATIONAL AIRPORT (ANG)
REPLACE UNDERGROUND FUEL STORAGE TANKS
ONTARIO INTERNATIONAL AIRPORT (ANG) 310 310 800 \*\*AIR NATIONAL GUARD NAVY RESERVE NAVAL STATION SAN DIEGO 1,000 CBU FACILITY NAVAL STATION SAN DIEGO 1,000 AIR FORCE RESERVE TRAVIS AFB 3,050 AERIAL PORT TRAINING FACILITY ALTER RESERVE OPERATIONS AND TRAINING FAC 4,000 7,050 TRAVIS AFB \*\*\*FAMILY HOUSING\*\*\* FORT IRWIN {25,000} NEW CONSTRUCTION (220) FORT IRWIN {25,000} FAMILY HOUSING PUBLIC WORKS CENTER SAN DIEGO {36,571} NEW CONSTRUCTION (318 HOMES) PUBLIC WORKS CENTER SAN DIEGO

FAMILY HOUSING

{36,571}

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME----CALIFORNIA AIR FORCE VANDENBERG AFB FAMILY HOUSING (166 UNITS) {21,907} VANDENBERG AFB FAMILY HOUSING {21,907} 116,628 \*\*CALIFORNIA FAMILY HOUSING (83,478) COLORADO ARMY FORT CARSON RANGE CONTROL FACILITY 4,050 FORT CARSON 4.050 AIR FORCE BUCKLEY ANG BASE COMMUNICATION DATA PROCESSING FACILITY 39,000
BUCKLEY ANG BASE 39,000 CHEYENNE MT COMPLEX AFB
UPGRADE ELECTRICAL SERVICE 4,450 CHEYENNE MT COMPLEX AFB 4,450 PRECISION MEASUREMENT EQUIPMENT LABORATORY
TEST AND EVALUATION SUPPOSE THE 16,400 2,200 TEST AND EVALUATION SUPPORT FACILITY 2.430 PETERSON AFB 21,030 US AIR FORCE ACADEMY ADAL WASTEWATER TREATMENT PLANT ENHANCED FLIGHT SCREENER HANGARS UNDERGROUND FUEL STORAGE TANKS 7,100 3,800 780 US AIR FORCE ACADEMY 11,680 \*\*AIR FORCE 76,160 AIR NATIONAL GUARD BUCKLEY ANGB F-16 WEAPONS RELEASE SHOP 1,300 BUCKLEY ANGE 1,300 AIR FORCE RESERVE PETERSON AFB ORGANIZATIONAL MAINTENANCE SUPPORT FAC 1,200 PETERSON AFB 1,200 \*\*COLORADO 82.710 CONNECTICUT NEW LONDON NAVAL SUBMARINE BASE BACHELOR ENLISTED QUARTERS MODERNIZATION 14,800 ELECTRICAL DISTRIBUTION IMPROVEMENTS 8,190 HAZARDOUS WASTE TRANSFER FACILITY 1,450 INDUSTRIAL WASTE TREATMENT FACILITY 5,700 STEAM TURBINE GENERATOR
NEW LONDON NAVAL SUBMARINE BASE 6,600 36,740 AIR NATIONAL GUARD BRADLEY FIELD
ADD TO AND ALTER BASE CIVIL ENGINEER FAC 510 BRADLEY FIELD 510

37,250

\*\*CONNECTICUT

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----DELAWARE AIR FORCE COVER AFE ADD TO AND ALTER DINNING FACILITY - DBOF DORMITORY - DBOF 2,500 3,200 INSTALL EMISSION CONTROL DEVICES DOVER AFB 6,560 AIR NATIONAL GUARD GREATER WILMINGTON AIRPORT COMMUNICATIONS FACILITY 900 REPLACE UNDERGROUND FUEL STORAGE TANKS GREATER WILMINGTON AIRPORT 1,790 \*\*DELAWARE 8.350 DISTRICT OF COLUMBIA WASHINGTON COMMANDANT NAVAL DISTRICT CHILD DEVELOPMENT CENTER 1,480 FIRE PROTECTION SYSTEM 1,630 WASHINGTON COMMANDANT NAVAL DISTRICT 3,110 WASHINGTON NAVAL RESEARCH LABORATORY NAVAL CENTER FOR SPACE TECHNOLOGY SPECIAL PROJECTS BUILDING 1,980 400 WASHINGTON NAVAL RESEARCH LABORATORY 2,380 \*\*NAUV 5,490 AIR FORCE BOLLING AIR FORCE BASE
ADD TO CHILD DEVELOPMENT CENTER 2,000 BOLLING AIR FORCE BASE 2,000 \*\*\*FAMILY HOUSING\*\*\* PUBLIC WORKS CENTER WASHINGTON DC NEW CONSTRUCTION (188 HOMES) PUBLIC WORKS CENTER WASHINGTON DC FAMILY HOUSING {21,556} {21,556} \*\*DISTRICT OF COLUMBIA FAMILY HOUSING 7,490 {21,556} FLORIDA NAVY CECIL FIELD NAVAL AIR STATION

CECIL FIELD NAVAL AIR STATION		1,500
JACKSONVILLE NAVAL AIR STATION		
BACHELOR ENLISTED QUARTERS	13,800	
HELICOPTER WASH AND RINSE FACILITY	620	
JACKSONVILLE NAVAL AIR STATION		14,420
MAYPORT NAVAL STATION		
AIR EMISSIONS CONTROL	3,260	
HAYPORT NAVAL STATION		3,260
PENSACOLA NAVAL AIR STATION		
RADAR AIR TRAFFIC CONTROL CENTER	1,880	
WATER SURVIVAL TRAINING FACILITY	4,540	

1,500

6,420

25,600

STATE- 103

SANITARY WASTEWATER SYSTEM UPGRADE

PENSACOLA NAVAL AIR STATION

\*\*NAVY

ACTIVE, GUARD AND RESERVE FORCES

INSIDE THE UNITED STATES		
(\$ THCUSANDS) STATE/COMP./INSTALLATION	PROJ COST	TOTAL
PROJECT NAME		
FLORIDA		
AIR FORCE CAPE CANAVERAL AFS		
SEWAGE TREATMENT PLANT	11.900	
SLFI-BACKUP POWER	800	
SLFI-BACKUP POWER	2,500	
SLFI-UPGRADE WATER SUPPLY MAINS	1,200	
UNDERGROUND FUEL STORAGE TANKS UPGRADE FIRE SYSTEM	400 2,400	
CAPE CANAVERAL AFS	2,400	19,200
EGLIN AFE	1 600	
AIRCRAFT ENGINE TEST FACILITY RENOVATE CLIMATIC TEST CHAMBER PHASE II	1,600 57,000	
REPLACE POL PIPELINE	3,300	
UPGRADE HYDRANT FUELING SYSTEM	4,550	
VEHICLE MAINTENANCE/WAREHOUSE FACILITIES	2,600	
EGLIN AFB		69,050
EGLIN AFE AUXILIARY FIELD 9		
ADD TO AND ALTER DORMITORIES	4,479	
UPGRADE SANITARY SEWAGE SYSTEMS	1,750	
UPGRADE STORM SEWAGE SYSTEM	1,600	
EGLIN AFE AUXILIARY FIELD 9		7,829
PATRICK AFB		
ALTER MAINTENANCE HANGAR	2,000	
UNDERGROUND FUEL STORAGE TANKS	1,850	
PATRICK AFB		3,850
TYNDALL AFB		
BASE SUPPLY LOGISTICS CENTER	2,600	
TYNDALL AFE		2,600
**AIR FORCE		102,529
SPECIAL OPERATIONS COMMAND		
EGLIN AUX FIELD 9		
ADD TO SUPPLY/WRSK	1,502	
ALTER AVIONICS SHOP-H	4,500	
MH60G HELO HANGER (H) MUNITIONS MAINT FAC-H	5,700 2,550	
SQN OPS MC130 (H)	2,750	
SQN OPS NH60G(1SOW)-H	2,250	
WEAPONS HX FAC ADD(H)	330	
EGLIN AUX FIELD 9		19,582
AIR NATIONAL GUARD		
JACKSONVILLE IAP		
REPLACE UNDERGROUND FUEL STORAGE TANKS	1,150	
JACKSONVILLE IAP		1,150
AIR FORCE RESERVE		
MACDILL AFB		
AEROHEDICAL EVACUATION FACILITY	750	
NACDILL AFB		750
***FAMILY HOUSING***		
NAVY		
PUBLIC WORKS CENTER PENSACOLA NEW CONSTRUCTION (SELF HELP/WAREHOUSE)	{300}	
PUBLIC WORKS CENTER PENSACOLA	(300)	
FAMILY HOUSING		{300}
AIR FORCE		
PATRICK AFB FAMILY HOUSING (155 UNITS)	{15,388}	
PATRICK AFB		
FAMILY HOUSING		{15,388}

ACTIVE, GUARE AND RESERVE FORCES INSIDE THE UNITED STATES (S THCUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL ------PROJECT NAME-----FLORIDA AIR FORCE TYNDALL AFB {5,732} INFRASTRUCTURE TYNDALL AFB FAMILY HOUSING (5.732) \*\*AIR FORCE {21,120} FAMILY HOUSING 149,611 \*\*FLORIDA {21,420} FAMILY HOUSING GEORGIA ARMY FORT BENNING BARRACKS MODERNIZATION 18,500 1,650 MULTIPURPOSE MACHINE GUN RANGE WHOLE BARRACKS RENEWAL 37.650 FORT BENNING FT STEWART/HUNTER AAF CARGO HANDLING FACILITY 4,500 3,600 8,700 EXPAND AMMUNITION STORAGE AREA HARDSTAND 2.000 RAILROAD TRACK IMPROVEMENT 18,800 FT STEWART/HUNTER AAF 56,450 \*\*ARMY ALBANY MARINE CORPS LOGISTICS BASE CHILD DEVELOPMENT CENTER 940 940 ALBANY MARINE CORPS LOGISTICS BASE KINGS BAY NAVAL SUBMARINE BASE 3,730 DIKES UTILITIES AND SITE IMPROVEMENTS 7,190 10,920 KINGS BAY NAVAL SUBMARINE BASE KINGS BAY TRIDENT TRAINING FACILITY 3,870 FIRE FIGHTING TRAINING FACILITY KINGS BAY TRIDENT TRAINING FACILITY 3,870 15,730 \*\*NAVY AIR FORCE AIR COMBAT COMMAND J-STARS ADD TO AND ALTER MAINT COMPLEX J-STARS ADD TO AND ALTER OPERATIONS CHOPLX J-STARS ADD TO AND ALTER UTILITIES 9,300 4,100 3,500 7,500 J-STARS SQUADRON OPERATIONS/AMU ADAL LOGISTICAL SYSTEMS OPERATIONS CENTER 3,000 ADD TO ALTER DORMITORIES - DBOF
AIRCRAFT SUPPORT EQUIPMENT PAINT FACILITY
UPGD INDSTRL WASTEWATER TRIMOT 6 DSPSL PLT 4,300 970 10,700 43,370 AIR COMBAT COMMAND DOD DEPENDENT SCHOOLS ROBINS AFB 1,580 LINWOOD ELEM SCHOOL ADDN 1,580 ROBINS ELEM SCHOOL ADDN ROBINS AFE

600

AIR NATIONAL GUARD DOBBINS AFB

PETROLEUM OPERATIONS COMPLEX

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----GEORGIA AIR NATIONAL GUARD COBBINS AFB REPLACE UNDERGROUND FUEL STORAGE TANKS 1,150 1,750 DOBBINS AFB LEWIS B. WILSON AIRPORT (ANG)
REPLACE UNDERGROUND FUEL STORAGE TANKS
LEWIS B. WILSON AIRPORT (ANG) 340 340 MCCOLLUM ANG STATION
REPLACE UNDERGROUND FUEL STORAGE TANKS 315 315 MCCOLLUM ANG STATION SAVANNAH ANG COMMUNICATIONS STATION REPLACE UNDERGROUND FUEL STORAGE TANKS SAVANNAH ANG COMMUNICATIONS STATION 330 330 SAVANNAH COMBAT READINESS TRAINING SITE FIRE DETECTION AND SUPPRESSION SYSTEMS REPLACE UNDERGROUND FUEL STORAGE TANKS 1,650 315 1,965 SAVANNAH COMBAT READINESS TRAINING SITE SAVANNAH NAP REFUELING VEHICLE PARKING AND OPS COMPLEX 990 SAVANNAH NAP 990 5,690 \*\*AIR NATIONAL GUARD \*\*\*FAMILY HOUSING\*\*\* NAVY NAVAL SUBMARINE SUPPORT BASE KINGS BAY NEW CONSTRUCTION (CMM CNTR/SELF HLP/HHSE) NAVAL SUBMARINE SUPPORT BASE KINGS BAY {790} {790} FAMILY HOUSING AIR FORCE ROBINS AFB {7,424} FAMILY HOUSING (118 UNITS) ROBINS AFB FAMILY HOUSING {7,424} \*\*GEORGIA 124,400 (8,214) PAMILY HOUSING HAWAII ARMY SCHOFIELD BARRACKS MULTI-PURPOSE FAMILY SERVICE CENTER
OPERATIONS FACILITY
SCHOFIELD BARRACKS 16,000 2.600 18,600

NAVY		
BARBERS POINT NAVAL AIR STATION		
CHILD DEVELOPMENT CENTER	2,700	
FIRE FIGHTING TRAINING FACILITY	1.350	
BARBERS POINT NAVAL AIR STATION		4,050
HONOLULU COMPETELCOMM AREA MASTER STA EPAC		
BACH EMILISTED QUARTERS MODERNIZATION	4,390	
BACHELOR ENLISTED QUARTERS HODERNIZATION	4,730	
HONOLULU COMPETELCOMM AREA MASTER STA EPAC		9,120
PEARL HARBOR CON OCEANOGRAPHIC SYS PACIFIC		
BERTHING PIER	16,780	
PEARL HARBOR COM OCEANOGRAPHIC SYS PACIFIC		16,780

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS) PRCJ COST STATE/COMP./INSTALLATION TOTAL -----PROJECT NAME-----HAWAII NAVY PEARL HARBOR NAV INACTIVE SHIP MAINT FAC INACTIVE SHIPS PIER
PEARL HARBOR NAV INACTIVE SHIP MAINT FAC 2,620 2.620 PEARL HARBOR NAVAL SUBMARINE BASE BACHELOR ENLISTED QUARTERS COMPLEX ENLISTED MESS HALL HODERNIZATION SUBMARINE BERTING WHARF PEARL HARBOR NAVAL SUBMARINE BASE 25,500 2,640 26,000 54,140 PEARL HARBOR NAVY PUBLIC WORKS CENTER INDUSTRIAL WASTE TREATMENT PLANT - DBOF WASTEWATER COLLECTION SYS IMPRIVANT - DBOF PEARL HARBOR NAVY PUBLIC WORKS CENTER 18,560 8,980 27,540 114,250 \*\*NAUY AIR FORCE HICKAM AFB 5,950 DORMITORY MILSTAR COMMUNICATIONS GROUND TERMINAL UNDERGROUND FUEL STORAGE TANKS 2,200 2,100 10,250 HICKAH AFB KAENA POINT 7.350 POWER PLANT KAENA POINT 7,350 17,600 \*\*AIR PORCE DEFENSE LOGISTICS AGENCY DEFENSE FUEL SUPPORT POINT PEARL HARBOR POL LABORATORY FACILITY DEFENSE FUEL SUPPORT POINT PEARL HARBOR 2,250 2,250 ARMY NATIONAL GUARD KAUAI RANGE. KNOWN DISTANCE UPGRADE 334 334 RAUAI AIR NATIONAL GUARD HICKAM AFB FUEL SYSTEM NAINT AND CORROSION CONTROL FA 5,300 HICKAH AFB 5,300 NAVY RESERVE NAVAL STATION PEARL HARBOR 500 CBU ADDITION NAVAL STATION PEARL HARBOR 500 \*\*\*FAMILY HOUSING\*\*\* ARMY SCHOPIELD BARRACES NEW COMST(125)(18.0M) + REPL(135)(21.0M) NEW COMSTRUCTION (88) SCHOFIELD BARRACKS {39,000} {13,000} {52,000} FAMILY HOUSING \*\*HAWAII 158,834 (52,000) FAMILY HOUSING IDAHO

5.044

ARMY NATIONAL GUARD GOWEN FIELD

COMBAT VEHICLE TRANSITION CMPLX

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL ------PROJECT NAME-----IDAHO ARMY NATIONAL GUARD GOWEN FIELD USPFO ADMIN OFC/WHSE ADD 1,391 GOWEN FIELD 6.435 HOMEDALE ARMORY 1,157 HOMEDALE 1,157 \*\*ARMY NATIONAL GUARD 7,592 AIR NATIONAL GUARD BOISE AIRPORT FIRE STATION AND AGE FACILITY 1.750 BOISE AIRPORT 1,750 \*\*IDAHO 9.342 ILLINOIS AIR FORCE SCOTT AFE INTEROPERABILITY TEST AND TRAINING FAC 5,000 MUNITIONS STORAGE FAC/LAND ACQUIST - DBOF 2,450 SCOTT AFB 7.450 AIR NATIONAL GUARD CAPITAL MAP ALTER STORM DRAINAGE DISPOSAL 500 CAPITAL MAP 500 GREATER PEORIA AIRPORT ADD TO AND ALTER F-16 ACRFT AVIONICS SHOP 840 GREATER PEORIA AIRPORT 840 \*\*AIR NATIONAL GUARD 1,340 ARMY RESERVE ARCONNE USARC/OMS 10,381 ARCONNE 10,381 \*\*ILLINOIS 19,171 INDIANA ARMY NATIONAL GUARD CAMP ATTERBURY RANGE, INF SQUAD BATTLE CRSE RANGE, MOD RECORD FIRE UPGRADE CAMP ATTERBURY 1,156 654 1,810 AIR NATIONAL GUARD HULMAN FIELD
REPLACE UNDERGROUND FUEL STORAGE TANKS 950 HULMAN FIELD 950 FT WATHE HAP REPLACE UNDERGROUND FUEL STORAGE TANKS 1,350 FT WAYNE HAP 1,350 \*\*AIR MATIONAL GUARD 2,300 4,110 \*\*INDIANA

AWOI

AIR NATIONAL GUARD
DES MOINES MAP
ADD TO AND ALTER DINING & MEDICAL TRNG FAC 1,800

STATE- 108

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES
(\$ THCUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----IOWA AIR NATIONAL GUARD DES MOINES MAP REPLACE UNDERGROUND FUEL STORAGE TANKS 880 2,680 DES MOINES MAP KANSAS AIR PORCE NCCONNELL AFB 900 CONTROL TOWER CAB LAND RESTRICTIVE EASEMENT ACQUISITION 1,000 1.900 HCCONNELL AFB AIR NATIONAL GUARD FORBES FIELD
REPLACE UNDERGROUND FUEL STORAGE TANKS 1,400 1.400 FORBES FIELD MCCONNELL AFB ALTER MEDICAL TRAINING AND TELECOM 890 890 MCCONNELL AFB 2,290 \*\*AIR NATIONAL GUARD 4,190 \*\*KANSAS RESTUCKY ARMY PORT CAMPBELL AIRFIELD IMPROVEMENTS
DINING FACILITIES MODERNIZATION
MOBILIZATION WAREHOUSE 3,950 3,500 850 WHOLE BARRACKS RENEWAL 32,000 FORT CAMPBELL 40,300 PORT KNOX MAINTENANCE FACILITY 12,200 MULTIPURPOSE TRAINING RANGE WHOLE BARRACKS RENEWAL FORT KNOX 4,150 41,350 \*\*ARMT 81,650 SPECIAL OPERATIONS COMMAND FORT CAMPBELL ARMY SOA BN, HOS FORT CAMPBELL 4,300 4,300 DOD DEPENDENT SCHOOLS FORT CAMPBELL FT CAMPBELL ELEM SCHOOL
FT CAMPBELL LINCOLN ELEM SCHOOL ADDN
FT CAMPBELL MAHAFFET MIDDLE SCHOOL ADDN 8,982 1,900 2,300 PORT CAMPBELL 13,182 FORT KNOX FT KNOX KINSOLVER VAN/VOORHIS ELEM SCHOOL FT KNOX SIX GYMNASIUM ADDN 1,600 6,107 7,707 PORT KNOX 20,889 \*\*DOD DEPENDENT SCHOOLS 106,839 \*\*KENTUCKY LOUISIANA AIR FORCE BARSDALE AFB

UPGRADE BULK STORAGE BASINS

1,600

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES
(\$ THOUSANDS)
STATE/COMP./INSTALLATION PROJ COST TOTAL -----PROJECT NAME-----LOUISIANA AIR FORCE BARSDALE AFB WEAPONS STORAGE AREA SECURITY 960 2.560 BARSDALE AFB AIR NATIONAL GUARD HAMMOND REPLACE UNDERGROUND STORAGE TANKS 350 350 HAMMOND NEW ORLEANS NAS REPLACE UNDERGROUND FUEL STORAGE TANKS 350 NEW ORLEANS NAS 350 \*\*AIR NATIONAL GUARD 700 ARMY RESERVE NEW ORLEANS LAND ACQUISITION 645 645 NEW ORLEANS NAVY RESERVE NAVAL AIR STATION NEW ORLEANS ORDNANCE COMPLEX 1,900 NAVAL AIR STATION NEW ORLEANS 1,900 AIR FORCE RESERVE BARKSDALE AFB WELDING AND MACHINE SHOP 600 BARKSDALE AFB 600 \*\*\*FAMILY HOUSING\*\*\* AIR FORCE BARKSDALE AFB {8,578} FAMILY HOUSING (117 UNITS) BARKSDALE AFB PAMILY HOUSING {8,578} 6,405 \*\*LOUISIANA FAMILY HOUSING {8,578} HAINE NAVY KITTERY PORTSMOUTH NAVAL SHIPPARD
HAZARDOUS WASTE STORAGE FACILITY - DBOF
KITTERY PORTSMOUTH NAVAL SHIPPARD 4.780 4.780 ARMY NATIONAL GUARD NORWAY ARMORY EXPAN/REHAB 1,380 1.380 MORWAY \*\*\*FAMILY HOUSING\*\*\*

NAS BRUNSWICK
NEW CONSTRUCTION (MOBILE HOME SPACES)
NAS BRUNSWICK
FAMILI ROUSING

(490)

\*\*MAINE 6,160
FAMILT HOUSING (490)

{490}

HARTLAND

ABERDEEN PROVING GROUND
APPLIED INSTRUCTION FACILITY 14,000

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES

(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
MARYLAND		
ARMY		
ABERDEEN PROVING GROUND		
TARGET ASSEMBLY AND STORAGE FACILITY	1,800	
UPGRADE RANGE COMPLEX	4,450	
ABERDEEN PROVING GROUND		20,250
NAVY		
BETHESDA NATIONAL NAVAL MEDICAL CENTER		
CHILD DEVELOPMENT CENTER	3,090	
BETHESDA NATIONAL NAVAL MEDICAL CENTER		3,090
AIR FORCE		
ANDREWS AFB		
AIR FREIGHT TERMINAL - DBOF T	4,400	
FIRE TRAINING FACILITY - DBOF	1,000	
UPGRADE COMPOSITE ADMIN FACILITY - DBOF	9,940	
UPGRADE SANITARY SEWER SYSTEMS	2,650	
ANDREWS AFB		17,990
FORT GEORGE MEADE		
ADD TO AIR FORCE SENIOR SCOUT OPS FAC	1,450	
FORT GEORGE MEADE		1,450
*****		10.440
**AIR FORCE		19,440
Whenever and mark harmon		
NATIONAL SECURITY AGENCY		
FORT MEADE OPS 1 ROADWAY STRUCTURAL ENHANCEMENT	5,910	
SUPERCOMPUTER FACILITY	52,720	
FORT MEADE	32,720	58,630
FORT MEADE		30,030
DEFENSE MEDICAL SUPPORT ACTIVITY		
FORT DETRICK		
BIOLOGICAL INCINERATOR	4,300	
FORT DETRICK	4,300	4,300
TORY DEFRICA		4,300
FOREST GLEN (WRAIR)		
ARMY INSTITUTE OF RESEARCH PHASE II	48,140	
FOREST GLEN (WRAIR)		48,140
(		
**DEFENSE MEDICAL SUPPORT ACTIVITY		52,440
ARMY NATIONAL GUARD		
TOWSON		
ARMORY ALT/ADD	2,823	
TOWSON		2,823
AIR NATIONAL GUARD		
ANDREWS AFB		
ADD TO AND ALTER AVIONICS AND ECH POD FAC REPLACE UNDERGROUND FUEL STORAGE TANKS	1,100	
	890	
ANDREWS AFB		1,990
GLENN L MARTIN AIRPORT		
REPLACE UNDERGROUND FUEL STORAGE TANKS	1,000	
GLENN L MARTIN AIRPORT		1,000
		2 000
**AIR NATIONAL GUARD		2,990
W. C. D. C.		
NAVY RESERVE		
NAF WASHINGTON	2 500	
EQUIPMENT OPS FACILITY	2,500	2,500
NAF WASHINGTON		2,500
LIO DODGE DECEDIE		
AIR FORCE RESERVE		
ANDREWS AFB	13,373	
REPLACE AIRCRAFT PARKING APRON	13,3/3	13,373
ANDREWS AFB		13,3/3

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS) PRCJ COST TOTAL STATE/COMP./INSTALLATION -----PROJECT NAME-----MARYLAND \*\*\*FAMILY HOUSING\*\*\* ARMY FORT MEADE {26,000} REPLACEMENT CONSTRUCTION (275) FORT MEADE {26,000} FAMILY HOUSING 175,536 \*\*MARYLAND {26,000} FAMILY HOUSING MASSACHUSETTS ARMY NATIONAL GUARD CAMP EDWARDS -816 RANGE, MAC
RANGE, MOD RECORD FIRE (MRF)
CAMP EDWARDS -1,071 -1,887 FORT DEVENS 1,887 COMBINED SUPPORT MAINT SHOP REHAB 1,887 FORT DEVENS \*\*ARMY NATIONAL GUARD AIR FORCE RESERVE WESTOVER AFB MEDICAL TRAINING FACILITY 2,600 2,600 WESTOVER AFE \*\*\*FAMILY HOUSING\*\*\* AIR FORCE HANSOM AFB FAMILY HOUSING (46 UNITS) {5,135} HANSCOM AFB {5,135} FAMILY HOUSING 2,600 \*\*MASSACHUSETTS {5,135} FAMILY HOUSING **MICHIGAN** AIR NATIONAL GUARD ALPENA COUNTY REGIONAL AIRPORT UPGRADE WATER DISTRIBUTION SYSTEM 1,400 1,400 ALPENA COUNTY REGIONAL AIRPORT SELFRIDGE ANGE REPLACE UNDERGROUND FUEL STORAGE TANKS 710 710 SELFRIDGE ANGE WR RELLOGG REGIONAL AIRPORT
ADAL FUEL CELL AND CORROSION CONTROL FAC 1,100 1,100 WK KELLOGG REGIONAL AIRPORT 3.210 \*\*AIR NATIONAL GUARD NAVY RESERVE NRRC DETROIT 3,100 RESCEN ADDITION NRRC DETROIT 3,100 6,310 \*\*MICHIGAN MINNESOTA ARMY NATIONAL GUARD CAMP RIPLEY
ORGANIZATIONAL MAINT SHOPS 2.625

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL -----PROJECT NAME-----MINNESOTA ARMY NATIONAL GUARD CAMP RIPLEY RANGE, MPRC (HEAVY) CAMP RIPLEY 3,185 5,810 AIR NATIONAL GUARD DULUTH ANGE REPLACE UNDERGROUND FUEL STORAGE TANKS 1,000 DULUTH ANGE 1,000 \*\*HINNESOTA 6,810 MISSISSIPPI AIR FORCE COLUMBUS AFB UPGRADE AIRFIELD LIGHTING 2,900 COLUMBUS AFB 2,900 KEESLER AFB FIRE TRAINING FACILITY 690 UNDERGROUND FUEL STORAGE TANKS UPGRADE SANITARY SEWER SYSTEM UPGRADE STUDENT DORMITORY 600 2,920 4,500 KEESLER AFB 8,710 \*\*AIR FORCE 11.610 AIR NATIONAL GUARD ALLEN C THOMPSON FIELD REPLACE UNDERGROUND FUEL STORAGE TANKS 730 ALLEN C THOMPSON FIELD 730 GULFPORT REPLACE UNDERGROUND FUEL STORAGE TANKS 335 UPGRADE ELECTRICAL DISTRIBUTION SYSTEM GULFPORT 1,185 \*\*AIR NATIONAL GUARD 1.915 13,525 \*\*MISSISSIPPI MISSOURI ARMY FORT LEONARD WOOD OPERATIONS FACILITY 1,000 FORT LEONARD WOOD 1,000 AIR FORCE WHITEMAN AFB B-2 ADD TO AND ALTER MUNITIONS STORAGE FAC 3,338 B-2 AIRCRAFT APRON/TAXIWAY UPGRADE B-2 AIRCRAFT MAINTENANCE DOCK 3,400 14,500 B-2 DEFENSE ACCESS ROADS B-2 HYDRANT FUELING SYSTEM LOOF, PH II B-2 UPGRADE BASE ROADS 7,150 2,700 5,900 4,850 B-2 UTILITY UPGRADE B-2 VEHICLE MAINTENANCE FACILITY 1,700 WHITEMAN AFB 43,538 ARMY NATIONAL GUARD

386

386

FORT CROWDER

FORT CROWDER

TRNG SITE, TROOP MED TRNG FACIL

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES

INSIDE THE UNITED STATES		
(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME	PRCJ COST	
MISSOURI		
AIR NATIONAL GUARD		
JEFFERSON BARRACKS ANG SITE		
ALTER COMMUNICATIONS ELECTRONICS TRNG FAC	2,800	
UPGRADE DINING HALL	720	
JEFFERSON BARRACKS ANG SITE		3,520
ROSECRANS MEMORIAL AIRPORT		
REPLACE UNDERGROUND FUEL STORAGE TANKS	1,250	
ROSECRANS MEMORIAL AIRPORT		1,250
**AIR NATIONAL GUARD		4,770
AIR NATIONAL GUARD		4,770
**MISSOURI		49,694
11330011		4,,,,,,
MONTANA		
AIR FORCE		
MALMSTROM AFB		
BASE ENGINEERING COMPLEX - DBOF	6,200	
UNDGD FUEL STORAGE TANKS HINUTEMAN II FACS	1,500	
MALMSTROM AFB		7,700
ARMY NATIONAL GUARD		
FT WM HENRY HARRISON		
TRNG SITE, MED UNIT TNG FACIL	501	
FT WM HENRY HARRISON		501
AIR NATIONAL GUARD GREAT FALLS IAP		
MEDICAL TRAINING AND DINING HALL	2,900	
REPLACE UNDERGROUND FUEL STORAGE TANKS	400	
GREAT FALLS IAP	400	3,300
		3,300
***FAMILY HOUSING***		
AIR FORCE		
MALMSTROM AFB		
HOUSING OFFICE	{581}	
MALMSTROM AFB		
FAMILY HOUSING		{581}
**HONTANA		11,501
FAMILY HOUSING		(581)
NEBRASKA		
AIR FORCE		
OFFUTT AFB		
ADD TO EMERGENCY BACK-UP POWER	2,300	
REPAIR AIRFIELD PAVENESTS AND LIGHTING	8,700	
OFFUTT AFB	• • • • • • • • • • • • • • • • • • • •	11,000
DEFENSE MEDICAL SUPPORT ACTIVITY		
OFFUTT AIR FORCE BASE		
LIFE SAFETY UPGRADE	1,100	
OFFUTT AIR FORCE BASE		1,100
AIR MATIONAL GUARD		
LINCOLN MAP		
FIRE STATION	1,850	
LINCOLN MAP		1,850
**HEBRASKA		13,950
MEANAGE		13,730
MEVACA		
ARMY		
HAWTHORNE AAP		
CONTAINER HOLDING PADS	7,000	
HAWTHORNE AAP		7,000

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS)

INSIDE THE UNITED STATES		
(\$ THCUSANDS) STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
NEVADA		
AIR FORCE NELLIS AFB		
UPGRADE POL TANKS	1,650	
NELLIS AFB	-,,,,	1,650
AIR NATIONAL GUARD		
RENO IAP AIRCRAFT ARRESTING SYSTEMS	1,830	
REPLACE UNDERGROUND FUEL STORAGE TANKS	460	
RENO IAP		2,290
**NEVADA		10,940
NEW HAMPSHIRE		
AIR NATIONAL GUARD		
PEASE AFB UPGRAD KC-135 HYDRANT REFUELING SYSTEM	5,100	
PEASE AFB	3,100	5,100
NEW JERSEY		
ARMY		
FORT MONMOUTH		
SATELLITE CONTROL SYSTEM FORT MONMOUTH	7,500	7,500
		,,200
NAVY		
EARLE NAVAL WEAPONS STATION EXPLOSIVES HOLDING YARD - DBOF	1,290	
MATABRONIC WASTE STORAGE FACTITY - OBOF	970	
MATERIALS HNDLG EQUIP SERV CTR ALT - DBOF	420	
EARLE NAVAL WEAPONS STATION		2,580
AIR NATIONAL GUARD		
ATLANTIC CITY		
FIRE STATION REPLACE UNDERGROUND FUEL STORAGE TANKS	1,350 1,900	
ATLANTIC CITY	1,900	3,250
NAVY RESERVE		
NRC KEARNY		
RESCEN A/C	800	
NRC KEARNY		800
**NEW JERSEY		14,130
NEW MEXICO		
ARMY		
WHITE SANDS HISSILE RANGE		
TARGET TRACK WHITE SANDS HISSILE RANGE	2,900	2,900
172 PORCE		
AIR FORCE CANNON AFB		
BASE ENGINEERING COMPLEX	6,150	
FIRE TRAINING FACILITY	1,000	
SOUND SUPPRESSOR SUPPORT PAD	665	
UNDERGROUND FUEL STORAGE TANKS CANNON AFB	1,100	8,915
3.5		
HOLLOMAN AFB		
ADD TO AND ALTER DORMITORIES	6,400 1,800	
SEWER EFFLUENT SYSTEM	1,600	

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) PRCJ COST TOTAL STATE/COMP./INSTALLATION ----PROJECT NAME-----NEW MEXICO AIR FORCE HOLLOMAN AFB 1,000 UNDERGROUND FUEL STORAGE TANKS HOLLOHAN AFE 9,200 EIRTLAND AFB 3,167 AEROSPACE ENGINEERING PACILITY 5,100 5,750 ALTER DORMITORY COMPOSITE MATERIALS LABORATORY 6,200 SPACE STRUCTURES LABORATORY UPGRADE ELECTRICAL DISTRIBUTION SYSTEM 6.844 27,061 KIRTLAND AFB 45,176 \*\*AIR FORCE DEFENSE MEDICAL SUPPORT ACTIVITY CANNON AIR FORCE BASE CMF ADD/ALT LIFE SAFETY/SEISMIC UPGRADE CANBON AIR FORCE BASE 13,600 13,600 AIR NATIONAL GUARD KIRTLAND AFB 345 ALTER MAINTENANCE SHOPS ALTER OPERATIONAL TRAINING FACILITY 390 POWER CHECK PAD WITH SOUND SUPPRESSOR KIRTLAND AFB 800 1,535 AIR FORCE RESERVE KIRTLAND AFB CIVIL ENGINEERING TRAINING FACILITY 900 900 KIRTLAND AFB 64,111 \*\*NEW MEXICO NEW YORK ARMY U S MILITARY ACADEMY WHOLE BARRACKS RENEWAL U.S. MILITARY ACADEMY 13,800 13,800 AIR NATIONAL GUARD HANCOCK FIELD 1,350 FIRE STATION 1,350 HANCOCK FIELD HIAGARA FALLS INTERNATIONAL AIRPORT ALTER RC-135 OPERATIONS FACILITIES HIAGARA FALLS INTERNATIONAL AIRPORT 1,650 1,650 SCHEMECTADY AIRPORT ANG
REPLACE UNDERGROUND FUEL STORAGE TANKS 1,050 1,050 SCHENECTADY AIRPORT ANG STEWART AIRPORT 320 INDUSTRIAL WASTE HOLDING PORD 320 STEWART AIRPORT 4.370 \*\*AIR MATICMAL GUARD AIR FORCE RESERVE HIAGARA FALLS IAP BASE COMMUNICATIONS CENTER 1,300 1,300 NIAGARA FALLS IAP \*\*\*FAMILY HOUSING\*\*\* ARMY US HILITARY ACADEMY
REPLACEMENT CONSTRUCTION (100)
US MILITARY ACADEMY (15,000) {15,000} FAMILY HOUSING 19,470 \*\*NEW YORK

FAMILY HOUSING

(15,000)

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES

(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
NORTH CAROLINA		
ARMY		
FORT BRAGG		
SEWAGE TREATMENT PLANT UPGRADE	540	
TACTICAL FOULPMENT SHOP	23,000	
TACTICAL EQUIPMENT SHOP TACTICAL EQUIPMENT SHOP	7,100	
WHOLE BRIGADE BARRACKS COMPLEX	71,600	
FORT BRAGG	, _,, , , ,	102,240
TONT SIGNO		
NAVY		
CAMP LEJEUNE MARINE CORPS BASE		
LANDFILL	7,690	
MULTI-PURPOSE TRAINING RANGE	5,300	
WASTEWATER TREATMENT PLANT (PHASE I)	28,300	
CAMP LEJEUNE MARINE CORPS BASE		41,290
CAMP LEJEUNE NAVAL HOSPITAL		
BACHELOR ENLISTED QUARTERS	2,370	
CAMP LEJEUNE NAVAL HOSPITAL		2,370
CHERRY POINT MARINE CORPS AIR STATION		
AIRCRAFT MAINTENANCE TRAINING FACILITY	4,040	
COMMUNICATIONS CENTER	3,460	
CHERRY POINT MARINE CORPS AIR STATION	37,100	7,500
CHERT FOIRT IBELLIA COLL D HER DINIE		
**NAVY		51,160
WAY 1		2. / 200
AIR FORCE		
POPE AFB		
ADD TO AND ALTER DORMITORIES	4,300	
DINING FACILITY	4,300	
POPE AFB	1,	8,600
1010 120		0,000
SEYMOUR JOHNSON AFE		
ADD TO AND ALTER DORMITORIES	4,900	
MUNITIONS MAINTENANCE SUPPORT FACILITY	480	
SEYMOUR JOHNSON AFB	100	5,380
023110011 001210011 123		
**AIR FORCE		13,980
SPECIAL OPERATIONS CONMAND		
FORT BRAGG		
MEDICAL TRNG FAC	18,450	
3SFG/4POG BARRACKS	20,000	
FORT BRAGG		38,450
		55,155
DOC DEPENDENT SCHOOLS		
FORT BRAGG		
FT BRAGG ELEM SCHOOL	8.838	
FORT BRACC	•,•••	8.838
TOKT BROWN		0,000
CAMP LEJEUNE MARINE CORPS BASE		
CALIFE CREATER AND TRACETOR (BALIFFE BOOM	1,465	
CAMP LEJEUNE MULTI ROOM/STONE ELEM SCHOOL	328	
CAMP LEJEUNE MARINE CORPS BASE	•••	1,793
**DOD DEPENDENT SCHOOLS		10,631
DOD DEFENDENT SCHOOLS		20,000
DEFENSE HEDICAL SUPPORT ACTIVITY		
FORT BRAGG		
HOSPITAL REPLACEMENT PHASE II	195,000	
FORT BRAGG	227,000	195,000
SAUT BINNEY		
ARMY NATIONAL GUARD		
FAYETTEVILLE		
ORGANIZATIONAL MAINT SHOP	473	
FAYETTEVILLE	****	473

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THCUSANDS) STATE/COMP./INSTALLATION PRGJ COST TOTAL -----PROJECT NAME-----NORTH CAROLINA ARMY RESERVE MOREHEAD CITY
ADD/ALT USARC/OMS/AMSA (MARINE) 9,335 9.335 MOREHEAD CITY \*\*\*FAMILY HOUSING\*\*\* ARMY FORT BRAGG {18,000} REPLACEMENT CONSTRUCTION (224) FORT BRAGG {18,000} FAMILY HOUSING 421,269 \*\*NORTH CAROLINA {18,000} FAMILY HOUSING NORTH DAKOTA AIR FORCE GRAND FORKS AFB 2,600 UNDERGROUND FUEL STORAGE TANKS 2,600 GRAND FORKS AFB MINOT AFB 2.000 UNDERGROUND FUEL STORAGE TANKS 2,000 MINOT AFB 4,600 \*\*AIR PORCE DEFENSE MEDICAL SUPPORT ACTIVITY GRAND FORKS AIR FORCE BASE LIFE SAFETY UPGRADE 860 860 GRAND FORKS AIR FORCE BASE ARMY NATIONAL GUARD BISMARCK AVIATION C-12 HANGAR 1,297 1,297 BISHARCK CAMP GRAFTON (DEVILS LAKE) RANGE, HOD RECORD FIRE (HRF) TRNG SITE, HEATING PLANT ADD 1,038 1,826 CAMP GRAFTON (DEVILS LAKE) 2,864 4,161 \*\*ARMY NATIONAL GUARD AIR NATIONAL GUARD HECTOR FIELD UPGRADE STORM DRAINAGE 400 400 HECTOR FIELD 10,021 \*\*NORTH DAKOTA OHIO AIR PORCE IR FUNCE
WRIGHT-PATTERSON AFB
ADAL ACQUISTION MANAGEMENT CMPLX, PH II
ADD TO AVIONICS RESEARCH LAB, PHASE II
REMOVATE ELECTRIC SUBSTATIONS
SEAL FUEL CONTAINMENT DIRES
UNDERGROUND FUEL STORAGE TAMES
WRIGHT-PATTERSON AFB 12,850 5,650 4,450 1,500 3,200 27.650 DEFENSE LOGISTICS AGENCY DEF ELECTRONICS SUPPLY CENTER INSTALL GAS-FIRED BOILERS
DEF ELECTRONICS SUPPLY CENTER 6,000 6.000

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----OHIO DEFENSE LOGISTICS AGENCY
DEFENSE CONSTRUCTION SUPPLY CENTER 3,100 CHILD DEVELOPMENT CENTER DEFENSE CONSTRUCTION SUPPLY CENTER 3,100 9,100 \*\*DEFENSE LOGISTICS AGENCY ARMY RESERVE COLUMBUS 14,701 USARC/OMS/AMSA/DS-GS 14.701 COLUMBUS AIR FORCE RESERVE YOUNGSTOWN MAP WIDEN AIRCRAFT PARKING APRON 1,450 1,450 YOUNGSTOWN MAP 52,901 \*\*OHIO OKLAHOMA ARMY FORT SILL 15,700 WHOLE BARRACKS RENEWAL 15,700 FORT SILL AIR FORCE ALTUS AFB C-17 ADD TO ACFT MAINT FACILITY - DBOF T 3,300
C-17 ADD TO FLT SIMULAT TRN FAC - DBOF T 2,850
C-17 FIRE STATION - DBOF 780 6,930 ALTUS AFB TINKER AFB 4,129 ALTER HYDRANT FUELING SYSTEM ALTER HIDRANT FUELING SISTEM
ENGINEERING AND CONTRACT SUPPORT FACILITY
INDTL WASTEWATER REGIONAL CONNECT - DBOF
MILSTAR COMMUNICATIONS GROUND TERMINAL 5,900 5,400 800 SEAL FUEL CONTAINMENT DIKES 620 UNDERGROUND FUEL STORAGE TANKS 4.700 21,549 TINKER AFB VANCE AFE T-1 SPECIALIZED UPT MAINTENANCE SUPPORT
UPGRADE AIRFIELD LIGHTING
VANCE AFB 2,700 6,000 34,479 \*\*AIR FORCE AIR NATIONAL GUARD TULSA IAP
ADD TO AND ALTER FIRE STATION 460 460 TULSA IAP WILL ROGERS WORLD AIRPORT COMPOSITE SUPPORT FACILITY
MOBILITY EQUIPMENT STORAGE WAREHOUSE
WILL ROGERS WORLD AIRPORT 3,900 950 4,850 5,310 \*\*AIR NATIONAL GUARD 55,489 \*\*OKLAHOMA OREGON AIR NATIONAL GUARD

500

PORTLAND IAP

ADD TO AND ALTER FIRE STATION

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----OREGON AIR NATIONAL GUARD PORTLAND IAP DRAINAGE IMPROVEMENTS 600 1.100 PORTLAND IAP PENNSYLVANIA -DBOF TOBYHAIMA ARMY DEPOT WATER POLLUTION ABATEMENT 750 750 TOBYHANNA ARMY DEPOT PHILADELPHIA NAV INACTIVE SHIP NAINT FAC BERTHING WHARF IMPROVEMENTS (INCR II) PHILADELPHIA NAV INACTIVE SHIP HAINT FAC 8.660 8,660 PHILADELPHIA NAVY AVIATION SUPPLY OFFICE ELECTRICAL DISTRIB SYSTEM UPGRADE - DBOF PHILADELPHIA NAVY AVIATION SUPPLY OFFICE 1,900 1.900 10,560 \*\*NAVY SPECIAL OPERATIONS COMMAND OLMSTEAD FIELD, HARRISBURG IAP AVION/ECM POD FAC(0) 1.300 OLMSTEAD FIELD, HARRISBURG IAP 1.300 AIR NATIONAL GUARD FT INDIANTOWN ANG COMMUNICATIONS SITE CIVIL ENGINEERING MAINTENANCE SNOPS FT INDIANTOWN ANG COMMUNICATIONS SITE 850 850 AIR FORCE RESERVE GREATER PITTSBURGH IAP JET FUEL STORAGE COMPLEX OFF BASE FIRING RANGE GREATER PITTSBURGH IAP 4,300 5.600 19,060 \*\*PPHNSYLVANTA RHODE ISLAND NAVY NEWPORT MAVAL EDUCATION & TRAINING CENTER NEWPORT HAVAL EDUCATION & INCLUDENCE BACHELOR EMLISTED QUARTERS
ELECTRICAL DISTR STS UPGRADE (INCR II)
NEWPORT HAVAL EDUCATION & TRAINING CEMTER 7,500 3.800 11,300 AIR NATIONAL GUARD COVENTRY AGS
REPLACE UNDERGROUND FUEL STORAGE TAMES 840 COVERTRY AGS 840 NORTH SMITHFIELD ANGS REPLACE UNDERGROUND FUEL STORAGE TANKS 550 NORTH SMITHFIELD ANGS 550 QUONSET STATE AIRPORT PASE ENGINEER MAINTENANCE FACILITY
REPLACE UNDERGROUND FUEL STORAGE TAMES
QUONSET STATE AIRPORT 2,750 890 3,640 \*\*AIR NATIONAL GUARD NAVY RESERVE NETC NEWPORT CBU ADDITION 500

NETC NEWPORT

\*\*RHODE ISLAND

500

16.830

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THCUSANDS) PROJ COST TOTA TOTAL STATE/COMP./INSTALLATION ------PROJECT NAME-----SOUTH CAROLINA ARMY FORT JACKSON OPERATIONS FACILITY 1,100 RANGE UPGRADE 2.700 FORT JACKSON BEAUFORT MARINE CORPS AIR STATION BACHELOR ENLISTED QUARTERS (PHASE II)
JET FUEL DELIVERY SYSTEM IMPROVEMENT
BEAUFORT MARINE CORPS AIR STATION 8,390 2,510 10,900 CHARLESTON NAVAL WEAPONS STATION FIRE PROTECTION PIPELINE - DBOF CHARLESTON NAVAL WEAPONS STATION 580 580 11,480 \*\*NAVY AIR FORCE CHARLESTON AFB FIRE TRAINING FACILITY - DBOF 1,100 1.100 CHARLESTON AFE SHAW AFB CHILD DEVELOPMENT CENTER 2,650 2,700 CONTROL TOWER UNDERGROUND FUEL STORAGE TANKS 520 5.870 SHAW AFB 6.970 \*\*AIR FORCE AIR NATIONAL GUARD MCENT IRE REPLACE UNDERGROUND FUEL STORAGE TANKS 1,750
UDGRADE ATREED LIGHTING AND PAVEMENT 4,200 UPGRADE AIRPIELD LIGHTING AND PAVEMENT 5.950 MCENTIRE ARMY RESERVE FORT JACKSON 10,428 USARC/OMS/DS 10,428 FORT JACKSON 37,528 \*\*SOUTH CAROLINA SOUTH DAKOTA AIR FORCE ELLSWORTH AFB
ALTER AIRCRAFT MAINTENANCE DOCK 630 630 ELLSWORTH AFE DEFENSE MEDICAL SUPPORT ACTIVITY ELLSWORTH AIR FORCE BASE LIFE SAFETY UPGRADE ELLSWORTH AIR FORCE BASE 1,400 1,400 AIR NATIONAL GUARD JOE FOSS FIELD ADAL FUEL SYSTEMS MAINT/CORROSION DOCK ALTER COMPOSITE OPERATIONS & TRAINING FAC 1,700 350 JOE FOSS FIELD 2.050 4,080 \*\*SOUTH DAKOTA

TENNESSEE NAVY

MEMPHIS NAVAL AIR STATION FIRE ALARM SYSTEM IMPROVEMENTS

1,100

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THCUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----TENNESSEE NAVY MEMPHIS NAVAL AIR STATION FUELS TRAINER FACILITY
POTABLE WATER SYSTEM IMPROVEMENTS 600 2,050 MEMPHIS NAVAL AIR STATION AIR PORCE ARNOLD ENGINEERING DEV CENTER UPGRADE SEWAGE TREATHENT PLANT ARNOLD ENGINEERING DEV CENTER 1,500 1,500 MEMPHIS NAVAL AIR STATION ADAL HIGH-BAY TECHNICAL TRAINING FACILITY
ALTER TECHNICAL TRAINING FACILITY 3,000 2,000 RENOVATE DORMITORY 1,200 MEMPHIS NAVAL AIR STATION 6,200 7,700 \*\*AIR FORCE DEFENSE MEDICAL SUFPORT ACTIVITY HILLINGTON NAVAL AIR STATION
HOSP LIFE SAFETY/SEISMIC UPGRADE PHASE II 5,000 5.000 HILLINGTON NAVAL AIR STATION AIR NATIONAL GUARD ALCOA AIR NATIONAL GUARD STATION
ADAL COMMUNICATIONS ELECTRONICS TRNG FAC 1,300
ALCOA AIR NATIONAL GUARD STATION 1.300 MCGHEE-TYSON AIRPORT PHEC ADMINISTRATIVE SUPPORT FACILITY
REPLACE UNDERGROUND FUEL STORAGE TANKS 2,200 1,100 MCGHEE-TYSON AIRPORT 3.300 NASHVILLE MAP REPLACE UNDERGROUND FUEL STORAGE TANKS 1,000 NASHVILLE MAP 1,000 5.600 \*\*AIR NATIONAL GUARD NAVY RESERVE NHCRC CHATTANOOGA 3.490 RESCEN REPLACEMENT INCRC CHATTANCOGA 3,690 24.040 \*\*TENDIESSEE TEXAS ABMY FORT BLISS CONSOLIDATED MAINTENANCE FACILITY 14,000 14,000 PORT BLISS FORT MOOD CLOSE COMMAT TACTICAL TRAINER FACILITY 7,500 COULD'DE STORAGE PACILITY COLLD'DES STORAGE PACILITY TACTICAL EQUIPMENT SHOP TEST AND EVALUATION SUPPORT PACILITY WHOLE BARRACKS REMEMAL 13,400 5,200 18,000 PORT HOOD 49,400 FORT SAM HOUSTON MULTI-PURPOSE PAMILY SERVICE 4,351 4,351 FORT SAM HOUSTON

PARMY

67.751

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (S THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL ----PROJECT NAME----TEXAS NAVY CORPUS CHRISTI NAVAL AIR STATION BACHELOR ENLISTED QUARTERS IMPROVEMENTS 1,670
CORPUS CHRISTI NAVAL AIR STATION 1,670 AIR FORCE DYESS AFB UPGRADE HYDRANT FUELING STSTEM, PHASE II 9,500
WEAPONS STORAGE AREA SECURITY 890
DYESS AFB 10,390 GOODFELLOW AFB BASE ENGINEERING COMPLEX 3,700 GOODFELLOW AFE 3,700 KELLY AFB CELLY AFB
ADD TO 6 ALTER CORMITORIES - DBOF
ALT WEAPON SYS SUPPORT CTR, PR II - DBOF
C-17 ADAL NDI FACILITY - DBOF
C-17 ALTDEPOT AVIONICS FACILITY - DBOF 2,000 7,800 4,900 731 C-17 ENGINEERING TEST LABORATORY 2,600 UPGRADE SANITARY SEWER MAINS
UPGRADE STORM DRAINAGE SYSTEM, PHASE I
UPGRADE TAXIWAY
KELLY AFB 3,000 2,900 3.550 27.481 LACKLAND AFB ALTER BASE SUPPORT FACILITY 5,400 BASE CONTRACTING CENTER 2,450 MISSION SUPPORT CENTER 7,543 5,800 TRAINING SERVICES FACILITIES 7-LEVEL TRAINING DORNITORY 8,900 LACKLAND AFE 30,093 LACKLAND TRAINING ANNEX VEHICLE MAINTENANCE FACILITY 1,200 LACKLAND TRAINING ANNEX 1,200 LAUGHLIN AFB FIRE STATION 2,400 UPGRADE AIRFIELD LIGHTING 3,000 UPGRADE AIRFIELD PAVEMENT 3,250 LAUGHLIN AFB 8,650 RANDOLPH AFB CONTROL TOWER 2,800 UPGRADE ELECTRICAL DISTRIBUTION SYSTEM 2,500 RANDOLPH AFB 5,300 900 UNDERGROUND FUEL STORAGE TANKS REESE AFB 900 SHEPPARD AFB ADD TO AND ALTER CHILD DEVELOPMENT CENTER ENJJFT ALTER PLIGHT TRAINING PACILITY 780 2,200

DEFENSE MEDICAL SUPPORT ACTIVITY
FORT SAM HOUSTON
COMBAT MEDIC TRAINING COMPLEX 1,400

850

18,030

14,200

FIRE TRAINING FACILITY

SHEPPARD AFB

\*\*AIR FORCE

7-LEVEL TRAINING DORMITORY

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) PROJ COST TOTAL STATE/COMP./INSTALLATION -- PROJECT NAME----TEXAS DEFENSE MEDICAL SUPPORT ACTIVITY FORT SAM HOUSTON HOSPITAL REPLACEMENT PHASE VII 75,000 NCO ACADEMY-AMEDD CENTER AND SCHOOL 3,400 79,800 FORT SAM HOUSTON AIR MATIONAL GUARD
ELLIMOTOM FIELD
REPLACE UNDERGROUND PUEL STORAGE TANKS 1,600 1.600 ELLINGTON FIELD RELLY AFB REPLACE UNDERGROUND FUEL STORAGE TANKS
KELLY AFB 560 560 2.160 \*\*ATR NATIONAL GUARD AIR FORCE RESERVE RELLY AFE RED HORSE STRUCTURAL/UTILITY FACILITY 2,300 2.300 KELLY AFB \*\*\*FAMILY HOUSING\*\*\* AIR FORCE DYESS AFB HOUSING MAINTENANCE PACILITY DYESS AFB {281} {281} PANILY HOUSING LACKLAND AFB PARILY HOUSING (111 UNITS)
LACKLAND AFB
FAMILY HOUSING {8,770} {8,770} \*\*AIR FORCE {9,051} PAMILY HOUSING 259,425 \*\*TEXAS (9.051) PANILY HOUSING UTAE DUGNAT PROVING GROUND LIFE SCIENCES TEST PACILITY DUGNAT PROVING GROUND 16,500 16.500 TOORLE ARMY DEPOT TREATY COMPLIANCE FACILITY TOORLE ARMY DEPOT 1,500 1,500 18.000 \*\* ARMY AIR PORCE HILL AFB FIRE TRAINING FACILITY - DBOF UPGDE INDIAL WASTEMATER TRINGT PLT - DBOF 880 5,100 UPGRADE WATER DISTRIBUTION SYSTEM 2,400 8,380 HILL AFT DEFENSE LOGISTICS AGENCY DEF REUTILIZATION & HETG OFC HILL AFB TIME PROTECTION & OPEN STORAGE DEF REUTILIZATION & HETG OFC HILL AFB

1,700

1,700

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES

INSIDE THE UNITED STATES		
(\$ THOUSANDS) STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
UTAH		
ARMY NATIONAL GUARD		
CAMP WILLIAMS RANGE, IMFANTRY SQUAD BATTLE CRSE	1,066	
RANGE, NAC	850	
CAMP WILLIAMS		1,916
AIR MATIONAL GUARD		
SALT LAKE CITY LAP		
ADAL COMMUNICATION AND ELECTRONICS TRING	850	
ALTER COMPOSITE SUPPORT FACILITY	950 2,000	
SITE RESTORATION SALT LAKE CITY IAP	2,000	3,800
SALI MAE CITI ME		
**UTAK		33,796
VERMONT		
ARMY NATIONAL GUARD		
CAMP JOHNSON		
ORGANIZATIONAL MAINT SHOP	1,002	1 003
CAMP JOHNSON		1,002
JERICHO .		
TRING SITE, SUPPORT FACILITIES	304	
JERICHO		304
**ARMI MATIONAL GUARD		1,306
AIR MATIONAL GUARD		
BURLINGTON IAP		
FIRE STATION BURLINGTON IAP	1,500	1,500
**VERMONT		2,806
VIRGINIA		
ARMY		
FORT BELVOIR	660	
OPERATIONS FACILITY FORT BELVOIR	980	860
FORT LEE		
APPLIED INSTRUCTION FACILITY	12,600	
WHOLE BARRACKS REMINAL	20,000	32,600
FORT LEE		32,600
FORT HYER		
WHOLE BARRACKS REMEMAL FORT HYER	6,800	6,800
**ABIG		40,260
CHERAPEAKE MARINE CORPS SEC FORCE BATTH NO		
ACADEMIC INSTRUCTION BUILDING	2,320	
INDOOR RANGE COMPLEX	3,060	5,380
CHESAPEAKE MARINE CORPS SEC PORCE BATTH M	•	3,300
CRAMEY ISLAND FLT & INDUS SUPPLY CTR ANDEX		
HASTEMATER TREATHENT PLANT HOOS - DBOF	11,740	11 740
CRAMET ISLAND PLT & THOUS SUPPLY CTR ANDE	K	11,740
MORFOLK COR OPERATIONAL TEST & EVAL FORCE		
OPERATIONS TEST & EVALUATION HOST CTR	8,100	
MORFOLK COR OPERATIONAL TEST & EVAL FORCE		8,100

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES

(\$ THOUSANDS)		
TATE /COMP. /INSTALLATION	PRCJ COST	TOTAL
PROJECT NAME		
VIRGINIA		
NORFOLK NAVAL AIR STATION		
BACHELOR ENLISTED QUARTERS	12,270	
NORFOLK NAVAL AIR STATION		12,270
NORFOLK NAVAL AVIATION DEPOT		
AIRCRAFT REWORK FACILITY - DBOF	17,800	
NORFOLK MAVAL AVIATION DEPOT		17,800
NORFOLK HAVY PUBLIC WORKS CENTER		
TRASH RECYCLE FACILITY ADDITION - DBOF	5,330	e 220
NORFOLK NAVY PUBLIC WORKS CENTER		5,330
PORTSMOUTH NORFOLK NAVAL SHIPYARD		
BACHELOR ENLISTED QUARTERS	13,420	13,420
PORTSMOUTH NORFOLK NAVAL SHIPYARD		23,420
QUANTICO MARINE CORPS COMBAT DEV COMMAND	3,600	
ANTI-ARMOR TRACKING & LIVE FIRE RANGE	3,850	
CHILD DEVELOPMENT CENTER QUANTICO MARINE CORPS COMBAT DEV COMMAND	3,030	7,450
WALLOPS IS NAVAL SURFACE WEAPONS CTR DET	10,170	
SHIP SELF-DEFENSE ENGINEERING FACILITY WALLOPS IS NAVAL SURFACE WEAPONS CTR DET	10,1,0	10,170
		0) ((0
**NAVY		91,660
AIR FORCE		
LANGLEY AFB	5,373	
ADD TO AND ALTER CARS OFERATIONS FACILITY BASE ENGINEERING COMPLEX, PHASE II	4,000	
FIRE STATION	3,850	
RESTORE KING STREET BRIDGE	4,100	
UNDERGROUND FUEL STORAGE TANKS LANGLEY AFB	500	17,623
SPECIAL OPERATIONS COMMAND		
NAVAL AMPHIBIOUS BASE, LITTLE CREEK		
SOF SPECBOATRON FEC SUPPORT	7,500	7,500
HAVAL AMPHIBIOUS BASE, LITTLE CREEK		7,300
DEFENSE LOGISTICS AGENCY		
FT. BELVOIR ADMINISTRATIVE BUILDING	5,200	
FT. BELVOIR	-,	5,200
DEFENSE GEMERAL SUPPLY CENTER ALTER HAZARDOUS NATERIAL WAREHOUSE	2,900	
HAZARDOUS NATERIAL PROCESSING FACILITY	4,600	
SHEDS FOR OIL STORAGE	9,500	17,000
DEFENSE GENERAL SUPPLY CENTER		17,000
**DEFENSE LOGISTICS AGENCY		22,200
DOD DEPENDENT SCHOOLS		
QUARTICO MARINE CORPS CONDAT DEV COMMAND	422	
QUANTICO HIGH ADDM QUANTICO HARINE CORPS COMBAT DEV COMMAND		422
DEFENSE MEDICAL SUPPORT ACTIVITY		
FORT EUSTIS		
LIFE SAFETY UPGRADE	3,650	3,650
FORT EUSTIS		3,430
PORTSHOUTH WAVAL HOSPITAL	211 444	
HOSPITAL REPLACEMENT V	211,900	211,900
PORTSMOUTH NAVAL HOSPITAL		
**DEFENSE HEDICAL SUPPORT ACTIVITY		215,550

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME----VIRGINIA AIR NATIONAL GUARD CAMP PENCLETON ANGB BASE ENGINEER MAINTENANCE AND STORAGE FAC 1,150 CAMP PENDLETON ANGB 1,150 RICHARD E BYRD IAP ADAL FUEL SYSTEMS MAINTENANCE DOCK REPLACE UNDERGROUND FUEL STORAGE TANKS 1,300 RICHARD E BYRD IAP 2,400 \*\*AIR NATIONAL GUARD 3.550 NAVY RESERVE MCRC DAMNECK ELECTRONIC MAINT SHOP 1,000 MCRC DAMNECK 1,000 \*\*\*FAMILY HOUSING\*\*\* NAVY NAVAL AIR STATION OCEANA NEW CONSTRUCTION (COMMUNITY CENTER) {860} NAVAL AIR STATION OCEANA FAMILY HOUSING (860) NAVAL COMPLEX NORFOLK NEW CONSTRUCTION (392 HOMES) {50,674} NAVAL COMPLEX NORFOLK FAMILY HOUSING {50,674} \*\*NAVY FAMILY HOUSING (51,534) AIR FORCE LANGLEY AFB HOUSING OFFICE {452} LANGLEY AFB FAMILY HOUSING {452} \*\*VIRGINIA 399,965 FAMILY HOUSING (51,986) WASHINGTON ARKY FORT LEWIS INCINERATOR BUILDING COMPLETION 14,200 FORT LEWIS 14,200 NAVY BANGOR NAVAL SUBMARINE BASE MESS HALL ADDITION OILY WASTE TREATMENT PACILITY 1,720 1,380 -BANGOR NAVAL SUBNARINE BASE 3,100 EVERETT HAVAL STATION BREAKWATER 22,200 STEAM PLANT 11,800 EVERETT NAVAL STATION 34,000 KEYPORT HAVAL UNDERSEA WARFARE CENTER DIV HAZARDOUS WASTE STORAGE FACILITY - DBOF KEYPORT HAVAL UNDERSEA WARFARE CENTER DIV 8,980 8,980 \*\*NAVY 46,080

STATE- 127

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL ------PROJECT NAME-----WASHINGTON AIR FORCE FAIRCHILD AFB INTELLIGENCE TECHNICAL TRAINING PACILITY 3,500 3.500 FAIRCHILD AFB MCCHORD AFB
ADD TO & ALTER DORMITORIES - DBOF
CHILD DEVELOPMENT CTR COMPLEX - DBOF 6,500 4,400 10,900 NCCHORD AFB 14.400 \*\*ATR FORCE DEFENSE MEDICAL SUPPORT ACTIVITY FAIRCHILD AIR FORCE BASE UTILITY/LIFE SAFETY UPGRADE 8,250 8.250 FAIRCHILD AIR FORCE BASE ARMY NATIONAL GUARD YAKIMA TRAINING CENTER (YAKIMA)
RANGE, MACHINE GUN MODIFICATION
YAKIMA TRAINING CENTER (YAKIMA) 1,527 1.527 AIR NATIONAL GUARD
BELLINGHAM MUNICIPAL AIRPORT ANG
REPLACE UNDERGROUND FUEL STORAGE TANKS 420 BELLINGHAM MUNICIPAL AIRPORT ANG 420 CAMP MURRAY REPLACE UNDERGROUND FUEL STORAGE TANKS 380 380 CAMP MURRAY FOUR LAKES COMMUNICATIONS STATION REPLACE UNDERGROUND FUEL STORAGE TANKS 360 360 FOUR LAKES COMMUNICATIONS STATION PAINE FIELD ANG STATION REPLACE UNDERGROUND FUEL STORAGE TANKS
PAINE FIELD ANG STATION 320 320 SEATTLE AIR MATIONAL GUARD BASE REPLACE UNDERGROUND FUEL STORAGE TAMES 320 SEATTLE AIR NATIONAL GUARD BASE 320 1.800 \*\*AIR MATIONAL GUARD ARMY RESERVE FORT LEWIS USARC/ONS/ANSA/ECS/WAREHOUSE 14,703 14,703 FORT LEWIS NAVY RESERVE JOINT TRAINING CENTER EVERETT RESCEN REPLACEMENT 2,550 JOINT TRAINING CENTER EVERETT 2.550 \*\*\*FAMILY HOUSING\*\*\* NAVY NAVAL SUBNARINE BASE BANGOR NEW CONSTRUCTION (290 HOMES)
HAVAL SUBMARINE BASE BANGOR {27,438} {27,438} FAMILY HOUSING AIR FORCE FAIRCHILD AFB {184} FAMILY HOUSING (1 UNIT) FAIRCHILD AFB {184} FAMILY HOUSING

\*\*WASHINGTON

FAMILY HOUSING

103,510

{27,622}

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----WEST VIRGINIA AIR NATIONAL GUARD R NATIONAL GUARD
E WV REGIONAL APT (MARTINSBURG)
ADD TO AERIAL PORT TRAINING FACILITY
E WV REGIONAL APT (MARTINSBURG) 390 390 YEAGER AIRPORT
REPLACE UNDERGROUND FUEL STORAGE TANKS 370 YEAGER AIRPORT 370 \*\*AIR NATIONAL GUARD 760 WISCONSIN AIR NATIONAL GUARD BILLY MITCHELL FIELD REPLACE UNDERGROUND FUEL STORAGE TANKS 600 BILLY MITCHELL FIELD 600 TRUAX FIELD FIRE STATION 1.400 TRUAX FIELD 1,400 VOLK FIELD REPLACE UNDERGROUND FUEL STORAGE TANKS 510 VOLE FIELD 510 \*\*AIR NATIONAL GUARD 2.510 NAVY RESERVE NHCRC GREEN BAY RESCEN ADDITION NHCRC GREEN BAY 650 650 AIR FORCE RESERVE BILLY MITCHELL FIELD ADD FIRE PROTECTION TO AIRCRAFT HANGARS UPGRADE BASE FUELS COMPLEX 1,500 1,800 BILLY NITCHELL FIELD 3,300 \*\*\*FAMILY HOUSING\*\*\* ARMY FORT HCCOY REPLACEMENT CONSTRUCTION (16) (2,950) PORT HCCOY PANILY MOUSING (2,950) \*\*WISCOMSIN 6,460 FAMILY HOUSING (2,950) WYOHING AIR PORCE F E WARREN AFB REMOTE MISSILE CREW FACILITIES 3,800 REMOVATE SECURITY POLICE OPERATIONS UNDERGROUND FUEL STORAGE TANKS WEAPONS STORAGE AREA SECURITY 6,000 2,200 640 F E WARREN AFE 12.640 \*\*\*FAMILY HOUSING\*\*\* AIR PORCE F E WARREN AFB FAMILY HOUSING (107 UNITS) {10.572} P E WARREN AFE FAMILY HOUSING {10,572} \*\*WYOMING 12,640

STATE- 129

(10,572)

FAMILY HOUSING

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

ACTIVE, GUARD AND RESERVE FORCES INSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL -- PROJECT NAME-----CONUS CLASSIFIED ARMY CLASSIFIED LOCATIONS CLASSIFIED PROJECT 3,000 CLASSIFIED LOCATIONS 3,000 AIR FORCE CLASSIFIED LOCATION ONEGA FACILITIES
SPECIAL TACTICAL UNIT DETENTION FACILITY
CLASSIFIED LOCATION 2,600 5,540 8,140 DEFENSE LEVEL ACTIVITIES OSD MILCON CLASSIFIED LOCATION 5,600 OSD MILCON 5,600 AIR FORCE RESERVE AIR FORCE RESERVE CONSTRUCT AIRCRAFT PARKING APRON 8,000 AIR FORCE RESERVE 8,000 24,740 \*\*CONUS CLASSIFIED CONUS VARIOUS NAVY CONUS VARIOUS WASTEWATER COLLECTION & TREATMENT SYSTEM 3,260 CONUS VARIOUS 3,260 TOTALS ARMY 749,593 {138,950} **FAMILY HOUSING** NAVY 507,250 {138,679} PANILY HOUSING AIR FORCE 975,908 AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR (9,200) (90,064) FAMILY HOUSING

925,342

(9,200) {367,693}

AUTHORIZED FOR APPROPRIATION IN PRIOR YEAR

DEFENSEWIDE

INSIDE THE UNITED STATES

PANILY HOUSING

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES SPECIFIED OUTSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME-----ANTIGUA AIR FORCE ANTIGUA ISLAND SLFI-UPGRADE BACKUP GENERATOR 1,000 SLFI-WASTEWATER TREATMENT PLANT 3,400 ANTIGUA ISLAND 4.400 DIEGO GARCIA AIR FORCE DIEGO GARCIA GPS INSTRUMENTATION FACILITY 1,700 SATELLITE TRACKING STORAGE FACILITY 560 DIEGO GARCIA 2.260 DEFENSE LOGISTICS AGENCY DIEGO GARCIA FUEL TANKAGE 9,558 DIEGO GARCIA 9,558 \*\*DIEGO GARCIA 11,818 GERMANY AIR FORCE RAMSTEIN AB CHILD DEVELOPMENT CENTER 3,100 RAMSTEIN AB 3,100 GREENLAND AIR PORCE THULE AB WASTEWATER TREATMENT PLANT 5.492 THULE AB 5.492 CUAM HAVY ANDERSON AIR FORCE BASE NAVAL AIR FACILITY BACHELOR EMLISTED QUARTERS REMOVATION
BACHELOR OFFICER QUARTERS MODERNIZATION
ANDERSON AIR FORCE BASE NAVAL AIR FACILITY 3,560 3,750 7.310 FLEET AND INDUSTRIAL SUPPLY CENTER GAS BOTTLE STORAGE FACILITY - DBOF INTERGRATED STORAGE HNDLG FACILITY - DBOF FLEET AND INDUSTRIAL SUPPLY CENTER 1,240 21,200 22.440 MILITARY SEALIFT COMMAND OFFICE MILITARY SEALIFT COMMAND OPERATIONS BLDG 2,170 MILITARY SEALIFT COMMAND OFFICE 2,170 NAVAL HOSPITAL CHILD DEVELOPMENT CENTER 2,460 MAVAL HOSPITAL 2.460 NAVAL NAGAZINE INERT STOREHOUSES 3,750 MAVAL NAGAZINE 3.750 MAVAL OCEANOGRAPHY COMMAND CENTER OCEANOGRAPHY BUILDING ALTERATIONS 690 HAVAL OCEANOGRAPHY CONMAND CENTER 690 MAVAL STATION CHILD DEVELOPMENT CENTER ADDITION 2,020

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES SPECIFIED OUTSIDE THE UNITED STATES (\$ THOUSANDS)
STATE/COMP./INSTALLATION PRCJ COST TOTAL -----PROJECT NAME----GUAM NAVY NAVAL STATION EXPLOSIVE ORDNANCE DISPOSAL OPERS FAC 12,500 14,520 NAVAL STATION NAVY PUBLIC WORKS CENTER SEWERAGE TREATHENT PLANT - DBOF TRANSPORTATION PARTS STORAGE FAC - DBOF WATERFRONT UTILITIES - DBOF 7,230 1,610 11,840 20,680 NAVY PUBLIC WORKS CENTER 74,020 \*\*NAVY AIR FORCE ANDERSEN AFB UNDERGROUND FUEL STORAGE TANKS 4,100 4,100 ANDERSEN AFB AIR NATIONAL GUARD ANDERSON AFB BASE SUPPLIES AND EQUIPMENT WAREHOUSE 400 400 ANDERSON AFB 78,520 \*\*GUAM ITALY NAVY NAPLES MAVAL SUPPORT ACTIVITY QUALITY OF LIFE (INCREMENT I) 11,740 11,740 MAPLES NAVAL SUPPORT ACTIVITY SIGORELLA NAVAL AIR STATION CHILD DEVELOPMENT CENTER SIGOMELLA HAVAL AIR STATION 3,460 3,460 15,200 \*\*HAVY \*\*\*FAMILY HOUSING\*\*\* AIR FORCE COMISO AB {20,200} FAMILY HOUSING (460 UNITS) COMISO AB PANILY HOUSING {20,200} 15,200 \*\*ITALY (20,200) PANILY HOUSING KWAJALRIM ARMY KWAJALEIM 11,200 SEWAGE TREATMENT PACILITY 10,000 UNACCOMPANIED PERSONNEL HOUSING 21,200 KWAJALEIN OHAM AIR PORCE THURGAIT AB WAR READINESS MATERIEL COVERED STORAGE FAC 1,800 1.800 THURGRAIT AB PUERTO RICO

5,800

5.800

DEFENSE FUEL SUPPORT POINT ROOSEVELT ROADS

DEFENSE FUEL SUPPORT POINT ROOSEVELT ROADS

DEFENSE LOGISTICS AGENCY

FUEL TANKAGE

FY 1994 HILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED ACTIVE, GUARD AND RESERVE FORCES SPECIFIED OUTSIDE THE UNITED STATES (\$ THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL -----PROJECT NAME-----PUERTO RICO AIR NATIONAL GUARD PUERTO RICO IAP
ADD TO AND ALTER F-16 AVIONICS SHOP
ALTER FUEL SYSTEMS MAINTENANCE FACILITY 320 750 UPGRADE F-16 ACFT PKNG RAMP SECURITY SYS 2,000 PUERTO RICO IAP 3,070 \*\*PUERTO RICO 8.870 \*\*\*FAMILT HOUSING\*\*\* SCOTLAND NAVY NAVAL SECURITY GROUP ACTIVITY EDZELL NEW CONSTRUCTION (40 HONES) NAVAL SECURITY GROUP ACTIVITY EDZELL {6,000} FAMILY HOUSING {6,000} SPAIN NAVY ROTA NAVAL STATION CHILD DEVELOPMENT CENTER 2,670 ROTA NAVAL STATION 2,670 TURKEY AIR PORCE INCIRLIE AB ADD TO AND ALTER DORMITORIES INCIRLIK AB 2,400 2,400 UNITED KINGDOM AIR PORCE RAF MILDENHALL MAVAL AIR PACILITY RAF HILDENHALL 4,800 4,800 \*\*\*FAMILY HOUSING\*\*\* NAVY NAVAL ACTIVITIES LONDON HEW CONSTRUCTION (81 HOMES) {15,470} MAVAL ACTIVITIES LONDON PARILY HOUSING {15.470} \*\*UNITED KINGDOM 4.800 PANILY HOUSING (15,470) OVERSEAS CLASSIFIED ARMT OVERSEAS CLASSIFIED COMMUNICATIONS NAINTENANCE FACILITY 3,600 OVERSEAS CLASSIFIED 3,600 AIR FORCE OVERSEAS CLASSIFIED WAR REACINESS NATERIEL WAREHOUSE OVERSEAS CLASSIFIED 5,500 5,500 DEFENSE LEVEL ACTIVITIES OVERSEAS CLASSIFIED CLASSIFIED PROJECT OVERSEAS CLASSIFIED 10,755 10,755 19,855 \*\*OVERSEAS CLASSIFIED

FY 1994 MILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

ACTIVE, GUARD AND RESERVE FORCES SPECIFIED OUTSIDE THE UNITED STATES

(S THOUSANDS)		
STATE/COMP./INSTALLATION	PROJ COST	TOTAL
PROJECT NAME		
TOTALS		
ARMY		24,800
NAVY		91,890
PAMILY HOUSING		(21,470)
AIR FORCE		37,322
PAMILY HOUSING		{20,200}
DEFENSEWIDE		26,113
SPECIFIED OUTSIDE THE UNITED STATES		180,125
FAMILY HOUSING		{41,670}

FY 1994 HILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

ACTIVE, GUARE AND RESERVE FORCES UNSPECIFIED WORLDWIDE (\$ THOUSANDS) STATE/COMP./INSTALLATION PROJ COST TOTAL --- PROJECT NAME----WORLDWIDE UNSPECIFIED NATO INFRASTRUCTURE DEFENSE LEVEL ACTIVITIES NATO INFRASTRUCTURE 240,000 240.000 BASE REALIGNMENT & CLOSURE PART I DEFENSE LEVEL ACTIVITIES 92,870 BASE REALIGNMENT & CLOSURE PART I 92,870 BASE REALIGNMENT & CLOSURE PART II
DEFENSE LEVEL ACTIVITIES
BASE REALIGNMENT & CLOSURE PART II + 1,800,500 1,800,500 CONTINGENCY CONSTRUCTION DEFENSE LEVEL ACTIVITIES
CONTINGENCY CONSTRUCTION 12,200 12,200 UNSPECIFIED MINOR CONSTRUCTION ARMY 12,000 NAVY 5,500 AIR FORCE 6,844 ON-SITE INSPECTION AGENCY SPECIAL OPERATIONS COMMAND 812 2,922 STRATEGIC DEFENSE INITIATIVE ORGANIZATION 2,192 DEFENSE LEVEL ACTIVITIES JOINT CHIEFS OF STAFF 2,000 DOD DEPENDENT SCHOOLS 4,000 DEFENSE MEDICAL SUPPORT ACTIVITY 3.757 ARMY NATIONAL GUARD AIR MATIONAL GUARD 5.000 4,000 ARMY RESERVE NAVY RESERVE 2,100 1,042 AIR FORCE RESERVE 3,904 UNSPECIFIED MINOR CONSTRUCTION 62.048 PLANNING AND DESIGN ARMY 84,441 NAVY 64,373 AIR FORCE 63,180 5,700 SPECIAL OPERATIONS COMMAND
STRATEGIC DEFENSE INITIATIVE ORGANIZATION
DEFENSE LEVEL ACTIVITIES
DEFENSE MEDICAL SUPPORT ACTIVITY 25,865 ARMY MATIONAL GUARD 522 AIR MATIONAL GUARD 9,900 ARMY RESERVE NAVY RESERVE 4,897 1,359 AIR FORCE RESERVE 3.400 PLANNING AND DESIGN 274.477 ENERGY CONSERVATION IMPROVEHENT PROGRAM DEFENSE LEVEL ACTIVITIES
EMERGY CONSERVATION IMPROVEMENT PROGRAM 50,000 50,000 ARMY - HOST MATION SUPPORT ARMY 25,000 ARMY - HOST MATION SUPPORT 25,000 WORLDWIDE UNSPECIFIED 2.557.095 WORLDWIDE VARIOUS NAVY
LAND ACQUISITION WORLDWIDE VARIOUS
LAND ACQUISITION
LAND ACQUISITION
LAND ACQUISITION
LAND ACQUISITION

\*Excludes the \$1.2 billion estimated to be required in FY 1994 to implement the 1993 Base Closure Commission's recommendations.

1,340

1.340

STATE- 135

LAND ACQUISITION-HORLDWIDE VARIOUS

FY 1994 HILITARY CONSTRUCTION TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

#### ACTIVE, GUARD AND RESERVE FORCES UNSPECIFIED WORLDWIDE

(S THOUSANDS)		
STATE/COMP./INSTALLATION	PROJ COST	TOTAL
PROJECT NAME		
WORLDWIDE VARIOUS NAVY		
VARIOUS LOCATIONS-WORLDWIDE VARIOUS		
HOST NATION INFRASTRUCTURE SUPPORT	2.960	
VARIOUS LOCATIONS-WORLDWIDE VARIOUS	-,,,,	2,960
NAVY		4,300
ARMY NATIONAL GUARD		
UNSPECIFIED LOCATIONS-WORLDWIDE VARIOUS		
INDOOR RANGE MODERNIZATION	637	
UNSPECIFIED LOCATIONS-WORLDWIDE VARIOUS	03,	637
VARIOUS LOCATIONS-WORLDWIDE VARIOUS		
ARMORY UNIT STORAGE BUILDINGS	750	
VARIOUS LOCATIONS-WORLDWIDE VARIOUS		750
ARMY MATIONAL GUARD		1,387
WORLDWIDE VARIOUS		5,687
TOTALS		
ARMT		135,347
HAVY		76,574
AIR FORCE		91,228
DEFENSEWIDE		2,259,633
UNSPECIFIED WORLDWIDE		2,562,782

(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PROJ COST	TOTAL
ARMY		
NEW CONSTRUCTION CALIFORNIA		
FORT IRWIN		
NEW CONSTRUCTION (220) FORT IRWIN	25,000	25,000
HAWAII		
SCHOFIELD BARRACKS	20.000	
NEW CONST(125)(18.0M) + REPL(135)(21.0M) NEW CONSTRUCTION (88)	39,000 13,000	
SCHOFIELD BARRACKS	13,000	52,000
MARYLAND		
FORT MEADE REPLACEMENT CONSTRUCTION (275)	25 000	
FORT MEADE	26,000	26,000
NEW YORK		
U S HILITARY ACADEMY		
REPLACEMENT CONSTRUCTION (100) US MILITARY ACADEMY	15,000	15,000
NORTH CAROLINA FORT BRAGG		
REPLACEMENT CONSTRUCTION (224) FORT ERAGG	18,000	18,000
WISCONSIN		
FORT HCCOY		
REPLACEMENT CONSTRUCTION (16) FORT MCCOY	2,950	2,950
NEW CONSTRUCTION		138,950
CONSTRUCTION IMPROVEMENTS	67,530	67,530
PLANNING	11,805	11,805
TOTAL FAMILY HOUSING, ARMY CONSTRUCTION		218,265
OPERATING EXPENSES		
FURNISHINGS ACCOUNT	41,707	
HANAGENERT ACCOUNT MISCELLANEOUS ACCOUNT	81,163 1,840	
SERVICES ACCOUNT	62,447	
UTILITIES ACCOUNT	281,348	
OPERATING EXPENSES		468,505
LEASING	268,139	268,139
NAINTENANCE OF REAL PROPERTY	388,528	388,528
TOTAL FAMILY HOUSING, ARMY OPERATIONS		1,125,172
INTEREST PAINCHTS	17	17
TOTAL PANILY HOUSING, ARMY DEST		17
GRAND TOTAL FAMILY HOUSING, ARMY		1,343,474
NAVY		
NEW CONSTRUCTION		
CALIFORNIA PUBLIC MORKS CENTER SAN DIEGO		
NEW CONSTRUCTION (318 HOMES)	36,571	
PUBLIC WORKS CENTER SAN DIEGO	-37374	36,571

FY 1994 FAMILY HOUSING TOTAL OBLIGATIONAL AUTHORITY AS REQUESTED

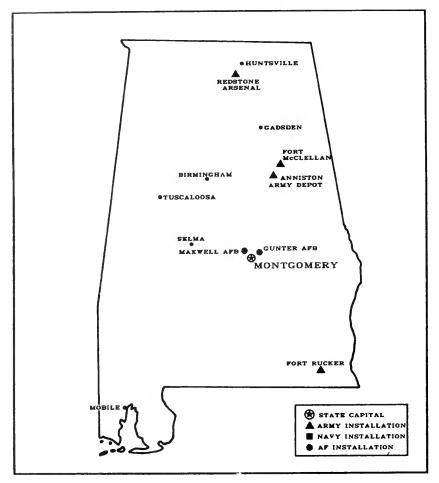
(\$ THCUSANDS)		
STATE/COMP./INSTALLATION	PROJ COST	TOTAL
NAVY		
NEW CONSTRUCTION		
DISTRICT OF COLUMBIA PUBLIC WORKS CENTER WASHINGTON DC	•	
NEW CONSTRUCTION (188 HOMES)	21,556	
PUBLIC WORKS CENTER WASHINGTON DC		21,556
FLORIDA		
PUBLIC WORKS CENTER PENSACOLA NEW CONSTRUCTION (SELF HELP/WAREHOUSE)	300	
PUBLIC WORKS CENTER PENSACOLA	300	300
PUBLIC WORLD CALLED		
GEORGIA		
NAVAL SUBMARINE SUPPORT BASE KINGS BAY NEW CONSTRUCTION (CMM CNTR/SELF HLP/HHSE)	790	
NAVAL SUBMARINE SUPPORT BASE KINGS BAY		790
NAINE		
NAS BRINSWICK		
NEW CONSTRUCTION (MOBILE HOME SPACES)	490	490
NAS BRUNSWICK		490
VIRGINIA		
NAVAL AIR STATION OCEANA	860	
NEW CONSTRUCTION (COMMUNITY CENTER) NAVAL AIR STATION OCEANA	800	860
NAVAL COMPLEX NORFOLK	50,674	
NEW CONSTRUCTION (392 HOMES) MAVAL COMPLEX NORFOLK	30,074	50,674
VIRGINIA		51,534
WASHINGTON		
NAVAL SUBMARINE BASE BANGOR		
NEW CONSTRUCTION (290 HOMES)	27,438	
MAVAL SUBMARINE BASE BANGOR		27,438
SCOTLAND		
NAVAL SECURITY GROUP ACTIVITY EDIELL	6,000	
MEW CONSTRUCTION (40 HOMES) NAVAL SECURITY GROUP ACTIVITY EDIELL	8,000	6,000
MAYNE SECURITI GROUP ACTIVITY INCIDEN		3,000
UNITED KINGDON		
NAVAL ACTIVITIES LONDON NEW CONSTRUCTION (81 HOMES)	15,470	
MAVAL ACTIVITIES LONDON		15,470
NEW CONSTRUCTION		160,149
CONSTRUCTION IMPROVEMENTS	190,696	190,696
PLAINING	22,924	22,924
		373,769
TOTAL FAMILY HOUSING, MAVY COMSTRUCTION		3,3,.03
OPERATING EXPENSES	36,904	
PURHISHINGS ACCOUNT HAMAGEMENT ACCOUNT	87,769	
MISCELLAMBOUS ACCOUNT	1,133	
SERVICES ACCOUNT	45,347 194,952	
UTILITIES ACCOUNT OPERATING EXPENSES	194,952	366,105
	113,308	113,308
LEASING	355,554	
HAINTENANCE OF REAL PROPERTY	333,339	
TOTAL FAMILY HOUSING, HAVY OPERATIONS		834,967

(\$ THCUSANDS)		
STATE/COMP./INSTALLATION	PRCJ COST	TOTAL
NAVY MORTGAGE INSURANCE PREMIUMS	86	68
TOTAL FAMILY HOUSING, NAVY DEBT		88
GRAND TOTAL FAMILY HOUSING, NAVY		1,208,824
AIR FORCE NEW CONSTRUCTION ALABAMA		
MAXWELL AFB FAMILY HOUSING (55 UNITS) MAXWELL AFB	4,080	4,080
ARRAHSAS		
LITTLE ROCK AFB HOUSING OFFICE AND MAINTENANCE FACILITY LITTLE ROCK AFB	980	980
CALIFORNIA VANDEMEERG AFB FAMILY HOUSING (166 UNITS) VANDEMEERG AFE	21,907	21,907
FLORIDA		
PATRICK AFB FAMILY HOUSING (155 UNITS) PATRICK AFB	15,388	15,388
TINDALL AFB INFRASTRUCTURE TYMDALL AFB FLORIDA	5,732	5,732 21,120
GEORGIA		
ROBINS AFB FAMILY HOUSING (118 UNITS) ROBINS AFB	7,424	7,424
LOUISIANA BARESDALE AFB FAMILY HOUSING (117 UNITS)	8,578	
BARKSDALE AFB	.,	8,578
MASSACHUSETTS HAMSCOM AFB FAMILY HOUSING (46 UNITS)	5,135	
HAMSCON AFB		5,135
MONTANA MALMSTROM AFB HOUSING OPPICE MALMSTROM AFB	501	581
TEXAS		
DYESS AFB HOUSING MAINTENANCE FACILITY DYESS AFB	281	281
LACKLAND AFB FAMILY HOUSING (111 UNITS) LACKLAND AFB TEXAS	8,770	8,770 9,051
VIRGINIA LANGLET AFB		
HOUSING OFFICE LANGLEY AFB	452	452

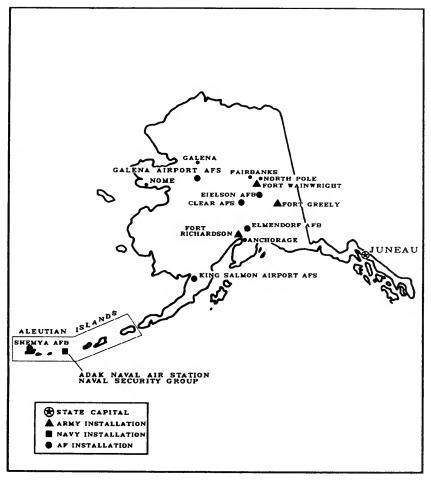
(\$ THOUSANDS)		
STATE/COMP./INSTALLATION	PROJ COST	TOTAL
AIR FORCE		
NEW CONSTRUCTION		
WASHINGTON		
FAIRCHILD AFB		
FAMILY HOUSING (1 UNIT)	184	
FAIRCHILD AFB		184
WYOMING		
F E WARREN AFB		
FAMILY HOUSING (107 UNITS)	10,572	
F E WARREN AFB		10,572
ITALY		
COMISO AB		
FAMILY HOUSING (460 UNITS)	20,200	
COMISO AB		20,200
NEW CONSTRUCTION		110,26
CONSTRUCTION IMPROVEMENTS	53,070	53,070
PLANNING	9,901	9,901
	,,,01	
TOTAL FAMILY HOUSING, AIR FORCE CONSTRUCTION		173,235
OPERATING EXPENSES	45.615	
FURNISHINGS ACCOUNT	43,543	
HANAGEMENT ACCOUNT	44,282	
NISCELLANEOUS ACCOUNT	4,639 28,183	
SERVICES ACCOUNT UTILITIES ACCOUNT	211,036	
OPERATING EXPENSES	111,030	331,683
LEASING	118,266	118,266
HAINTENANCE OF REAL PROPERTY	403,942	403,942
TOTAL FAMILY HOUSING, AIR FORCE OPERATIONS		853,891
HORTGAGE INSURANCE PREMIUMS	21	21
TOTAL FAMILY HOUSING, AIR FORCE DEST		21
GRAND TOTAL FAMILY HOUSING, AIR FORCE		1,027,147
NATIONAL SECURITY AGENCY		
CONSTRUCTION INPROVENENTS	50	50
OPERATING EXPENSES		
FURNISHINGS ACCOUNT	71	
HANAGENERT ACCOUNT	62	
MISCELLANEOUS ACCOUNT	26	
SERVICES ACCOUNT	366	
UTILITIES ACCOUNT OPERATING EXPENSES	432	951
LEASING	10,414	10,414
NAINTENANCE OF REAL PROPERTY	228	228
TOTAL PAMILY HOUSING, MSA		11,649
DEP INTELLIGENCE AGENCY		
OPERATING EXPENSES		
FURNISHINGS ACCOUNT	1,865	
OPERATING EXPENSES		1,865

(\$ THCUSANDS) STATE/COMP./INSTALLATION	PROJ COST	#OFF17
PROJECT NAME		TOTAL
DEF INTELLIGENCE AGENCY		
LEASING	12,468	12,468
		12,400
TOTAL FAMILY HOUSING, DIA		14,333
DEFENSE LOGISTICS AGENCY		
CONSTRUCTION IMPROVEMENTS	109	109
OPERATING EXPENSES		
FURNISHINGS ACCOUNT	41	
HANAGEMENT ACCOUNT	158	
SERVICES ACCOUNT	50	
UTILITIES ACCOUNT	466	
OPERATING EXPENSES	***	715
MAINTENANCE OF REAL PROPERTY	690	690
TOTAL FAMILY HOUSING, DLA		1,514
GRAND TOTAL FAMILY HOUSING, DEFENSE		27,496
ARMY		
PATHERT TO HOHEOWNERS	5,755	5,755
OTHER OPERATING COSTS	24,604	24,604
ACQUISITION OF REAL PROPERTY	127,393	127,393
ARMT		157,752

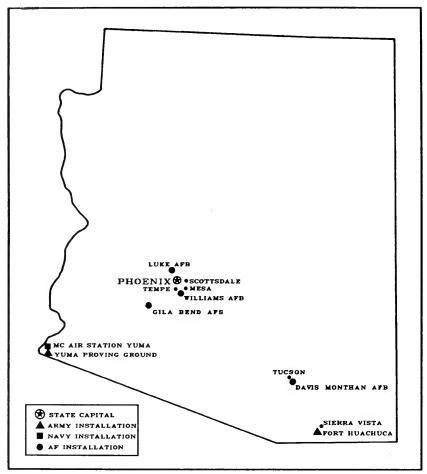
#### **ALABAMA**



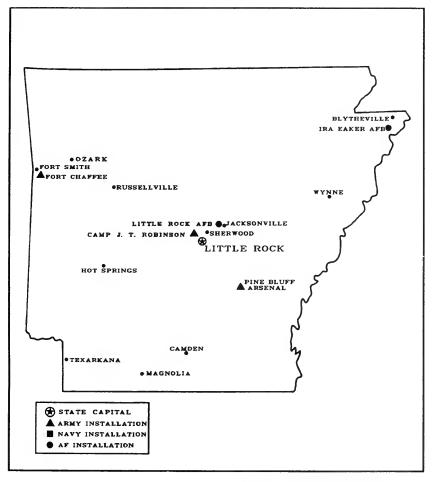
#### **ALASKA**



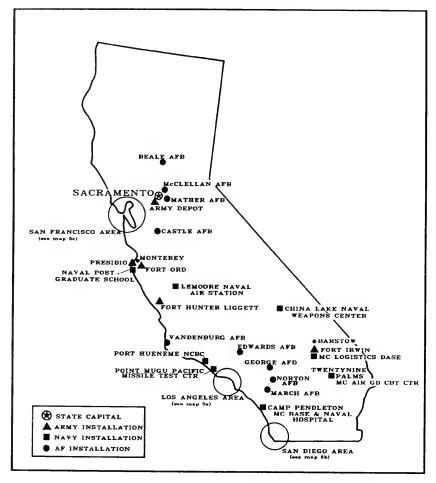
#### **ARIZONA**



#### **ARKANSAS**

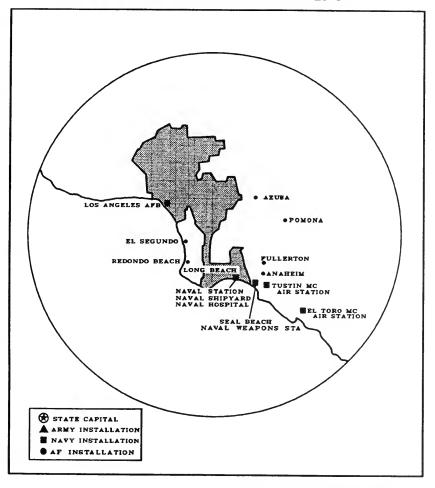


#### **CALIFORNIA**



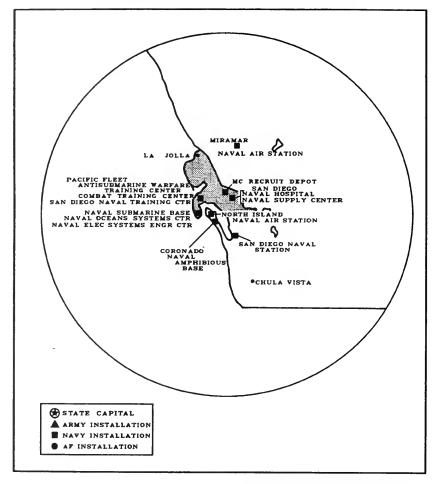
### MAP NO. 5a

# LOS ANGELES AREA

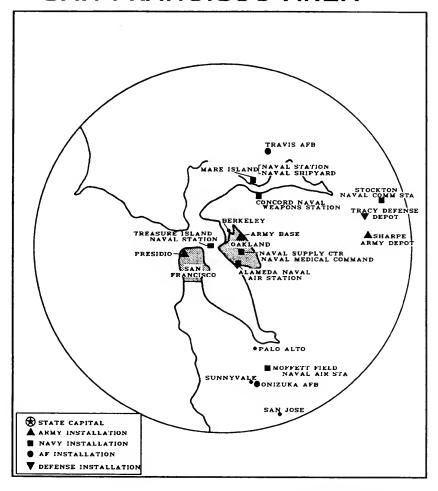


#### MAP NO. 5b

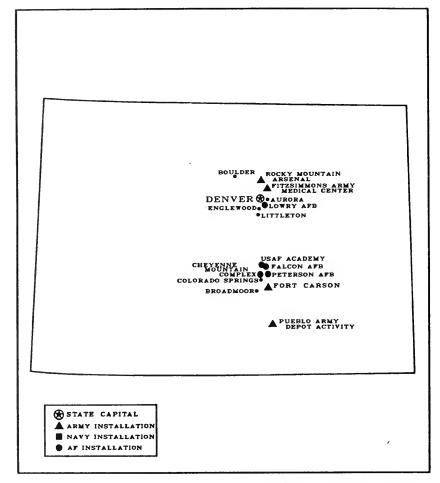
#### SAN DIEGO AREA



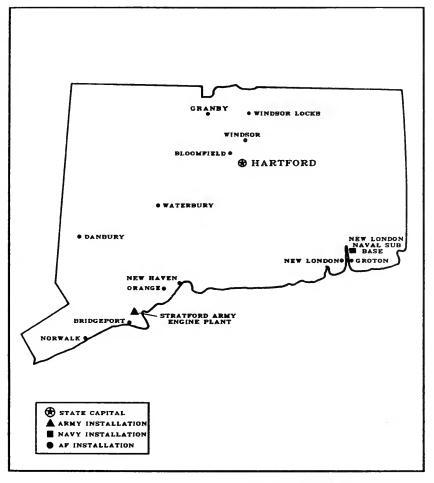
# MAP NO. 5c SAN FRANCISCO AREA



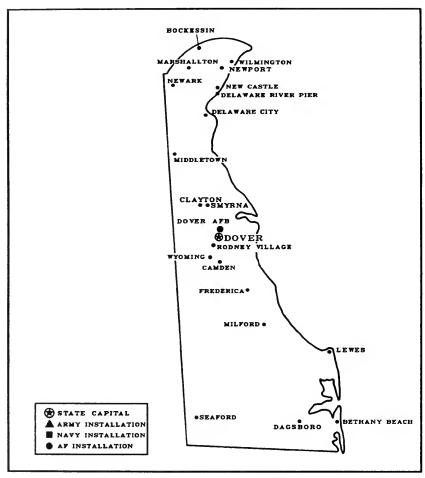
#### COLORADO



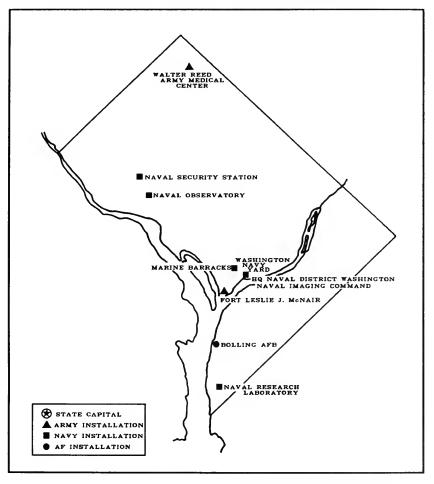
### CONNECTICUT



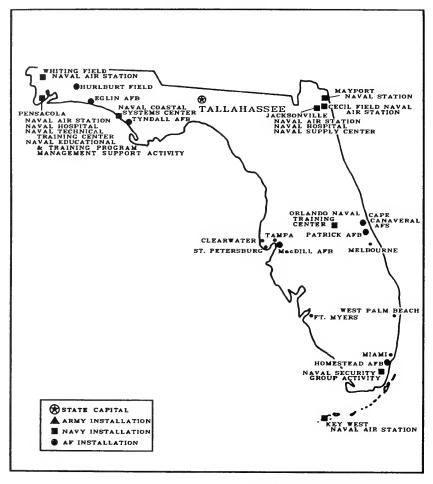
#### **DELAWARE**



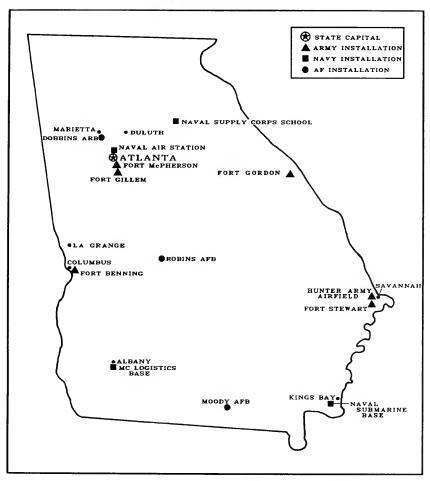
#### DISTRICT OF COLUMBIA



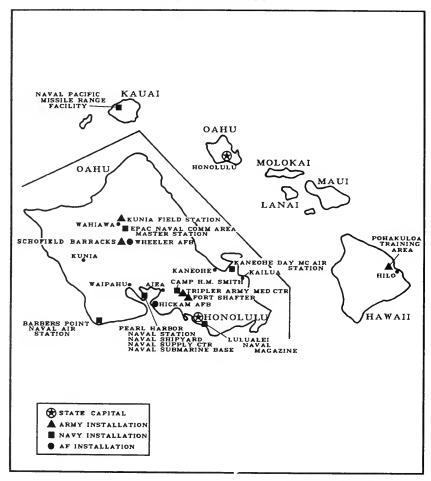
#### **FLORIDA**



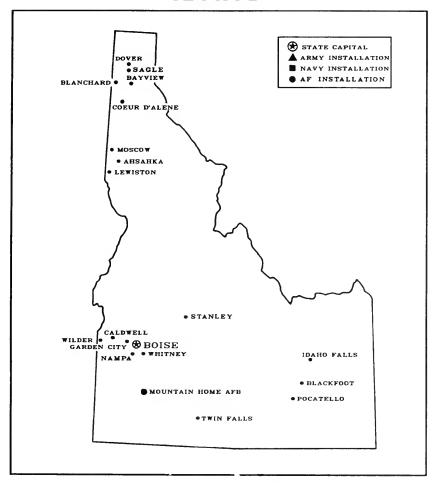
#### **GEORGIA**



#### HAWAII

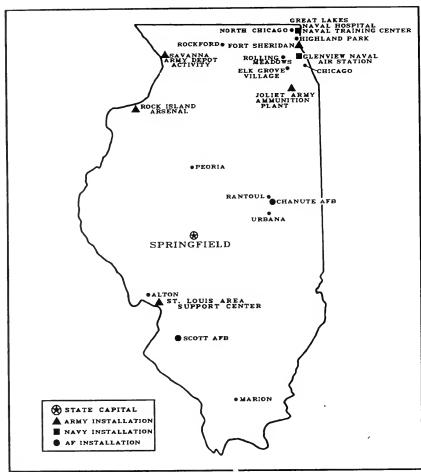


#### IDAHO



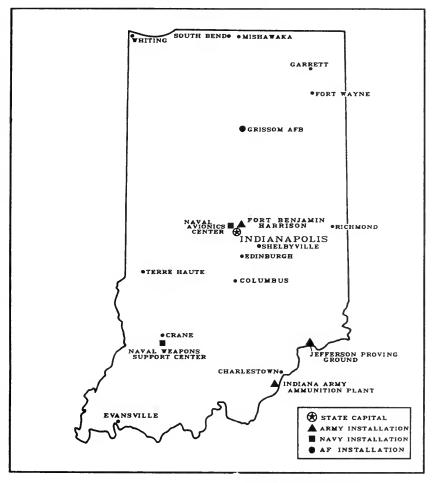
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Directorate for Information
Operations and Reports

## ILLINOIS



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Operations and Reports

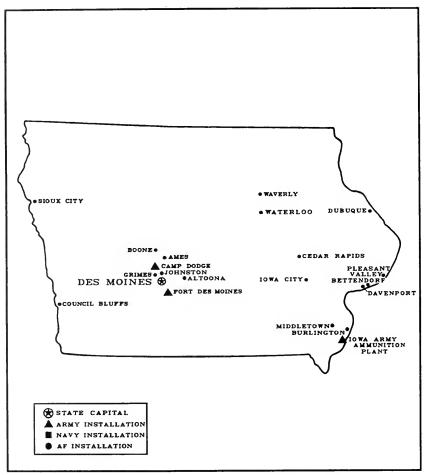
#### INDIANA



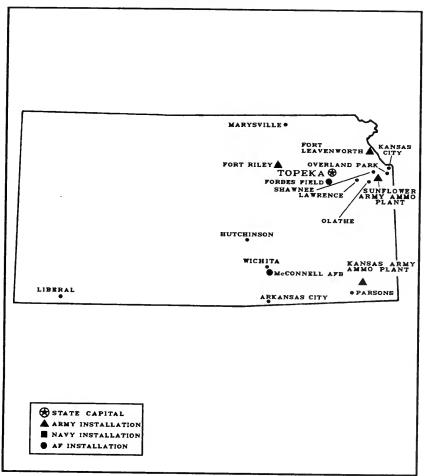
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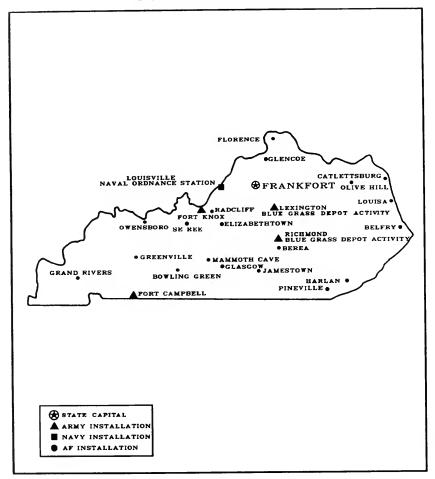
#### IOWA



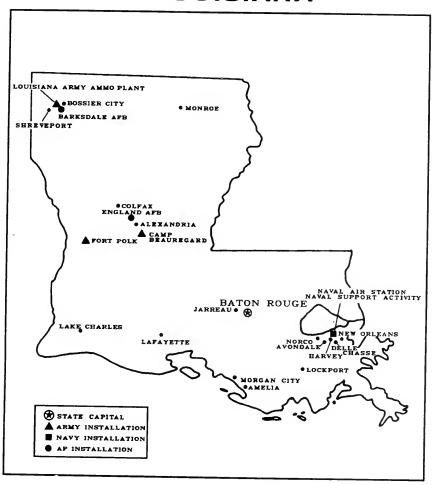
#### **KANSAS**



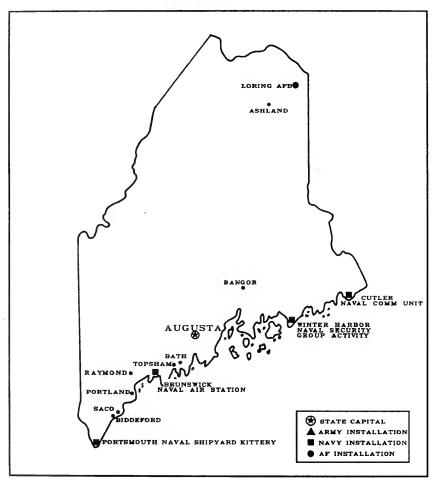
## KENTUCKY



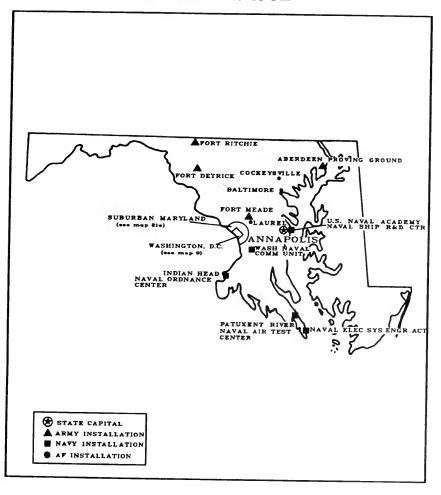
## LOUISIANA



#### MAINE

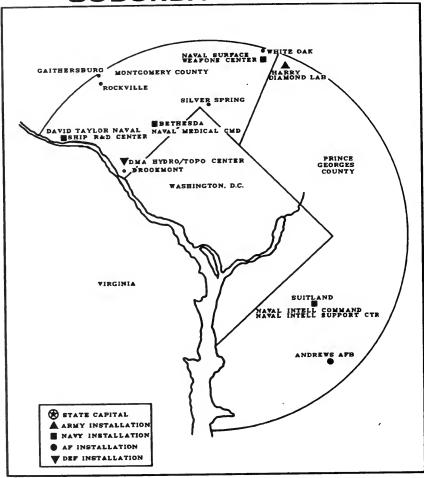


### **MARY LAND**

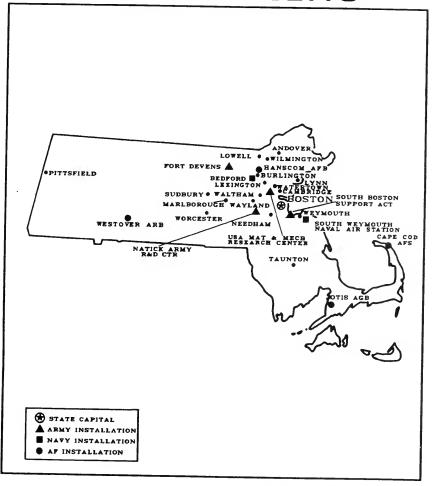


# **MAP NO. 21a**

# SUBURBAN MARYLAND



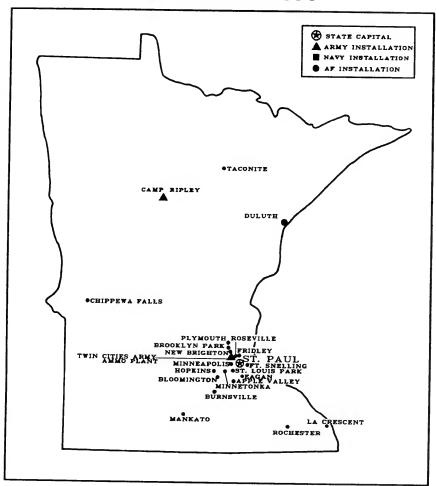
# **MASSACHUSETTS**



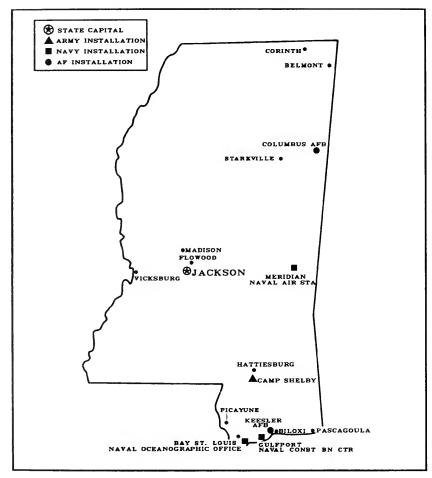
# **MICHIGAN**



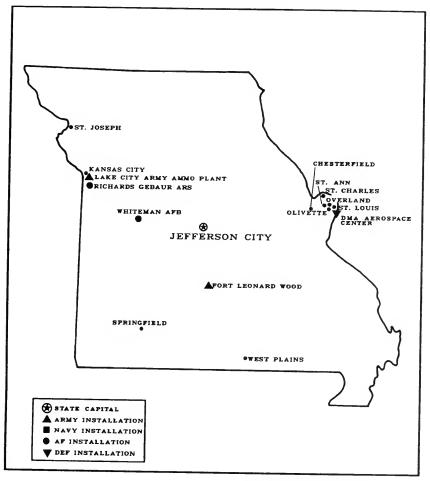
# **MINNESOTA**



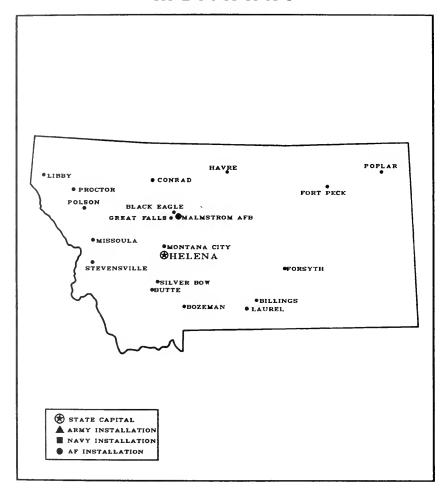
## MISSISSIPPI



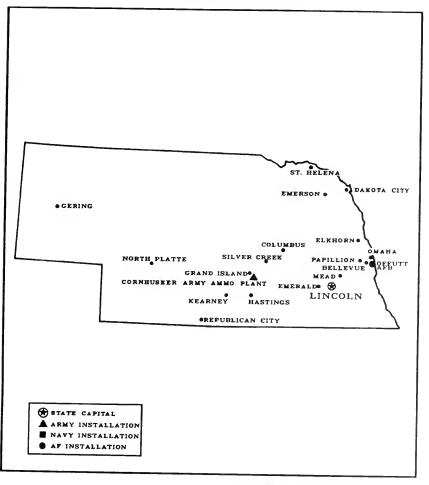
# **MISSOURI**



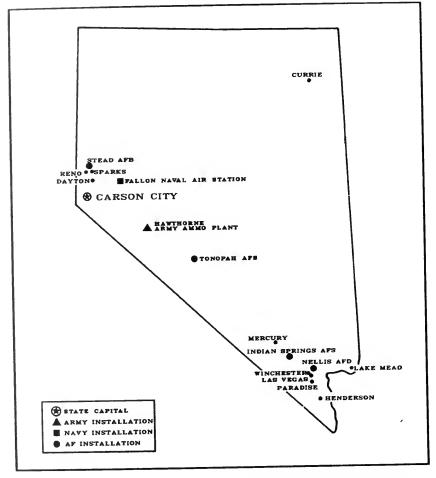
#### MONTANA



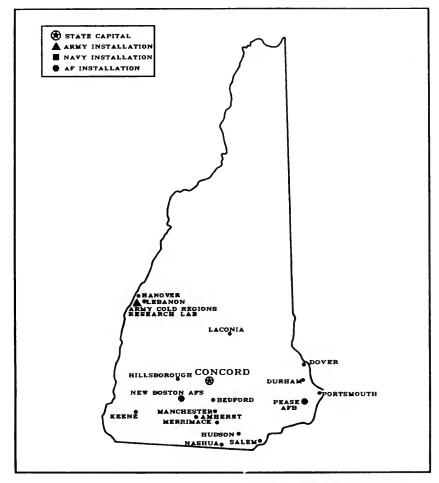
# **NEBRASKA**



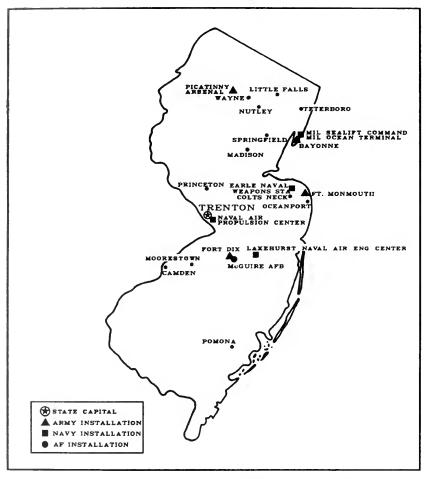
# **NEVADA**



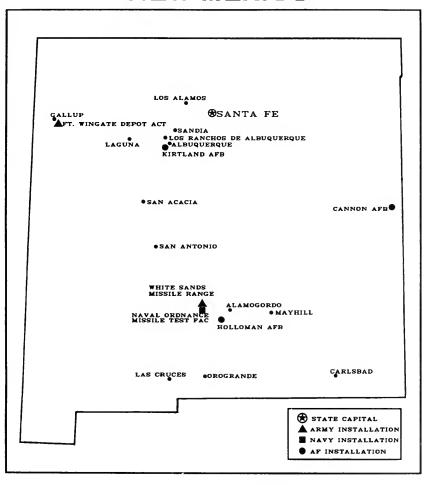
# **NEW HAMPSHIRE**



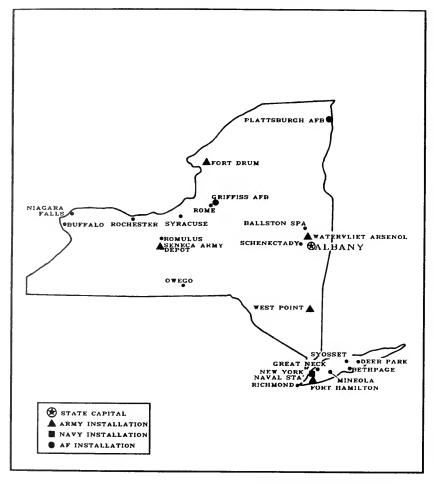
#### **NEW JERSEY**



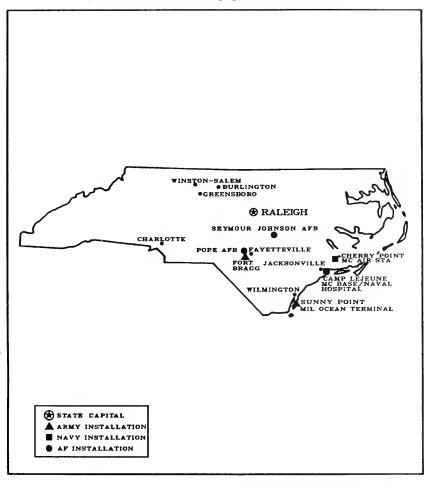
#### **NEW MEXICO**



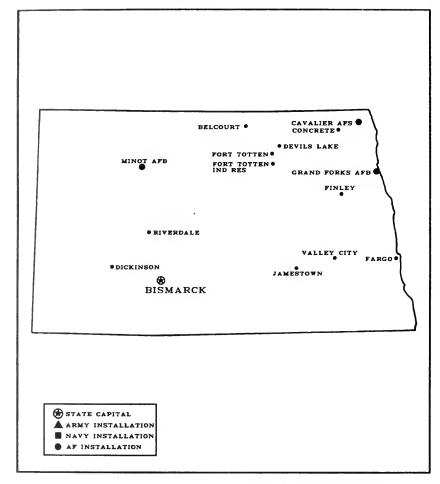
# **NEW YORK**



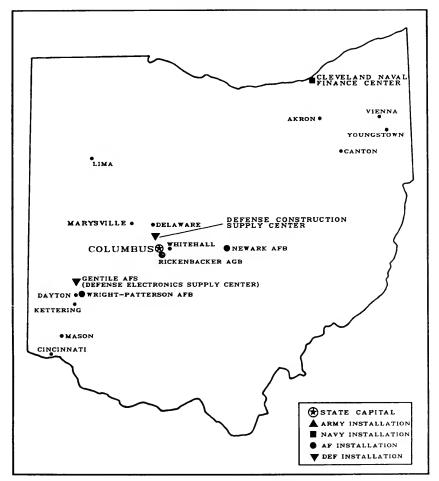
# NORTH CAROLINA



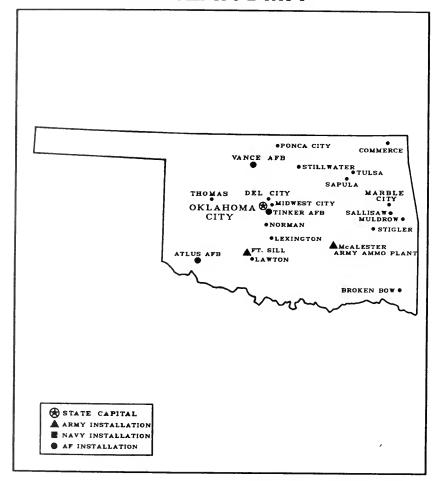
# NORTH DAKOTA



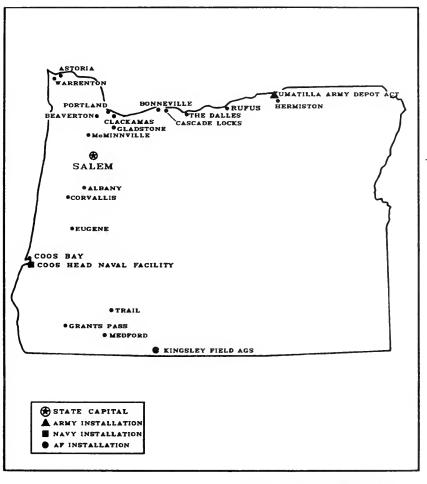
#### OHIO



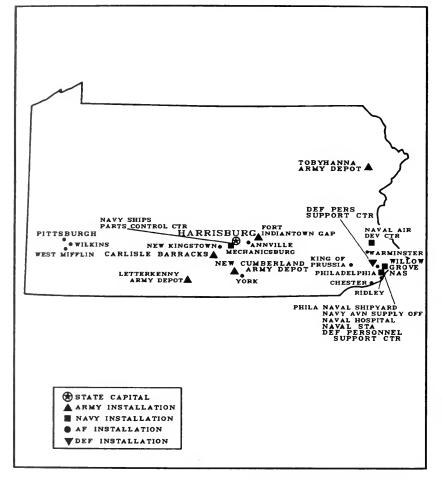
#### **OKLAHOMA**



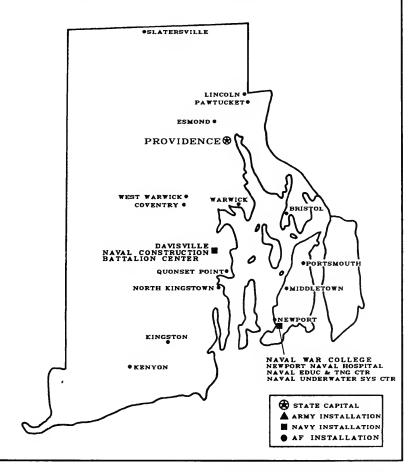
#### **OREGON**



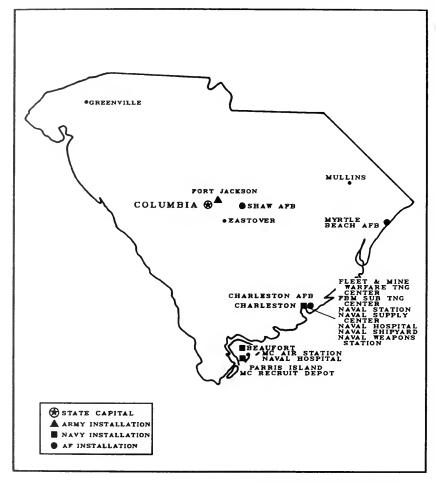
#### **PENNSYLVANIA**



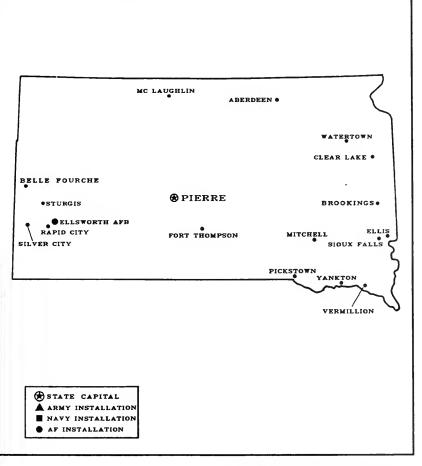
#### RHODE ISLAND



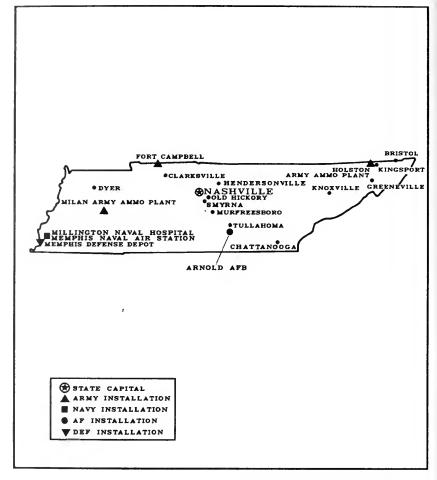
# SOUTH CAROLINA



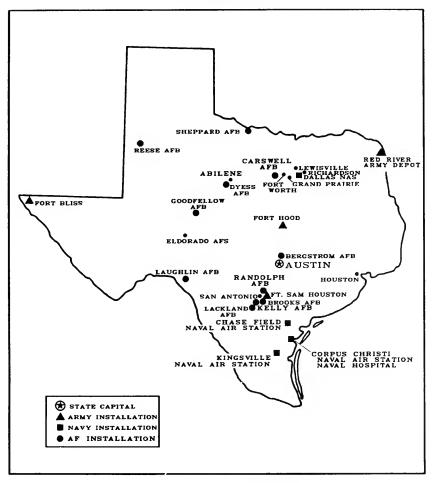
## SOUTH DAKOTA



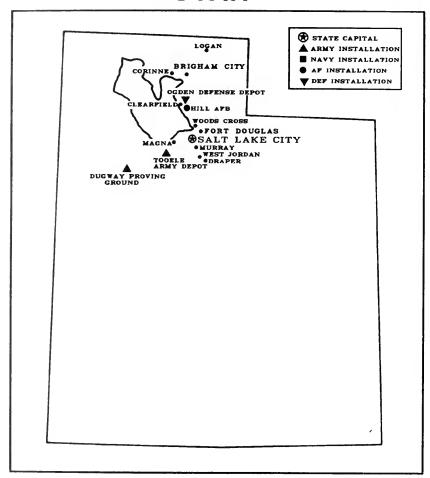
#### **TENNESSEE**



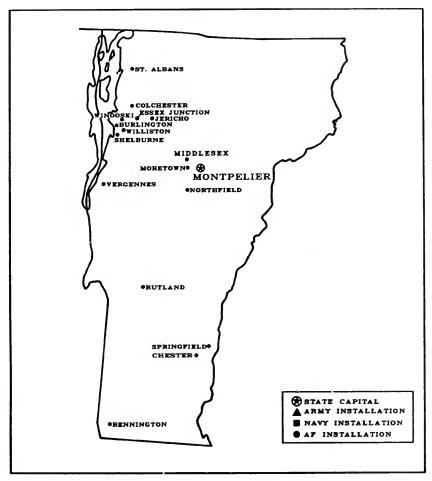
#### **TEXAS**



#### UTAH



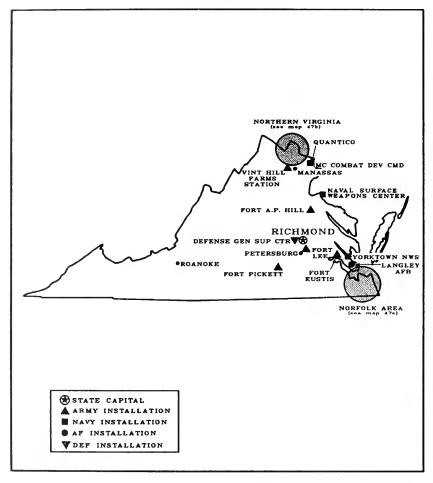
# **VERMONT**



Prepared Sy: Washington Headquarters Services Directorate for Information Operations and Reports

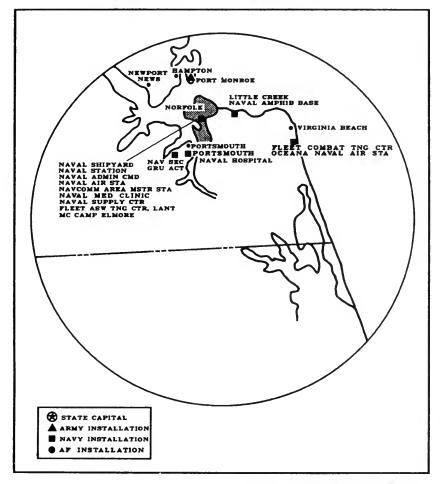
108

# **VIRGINIA**

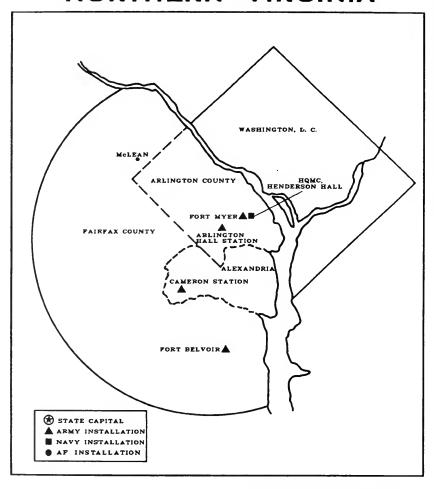


## MAP NO. 47a

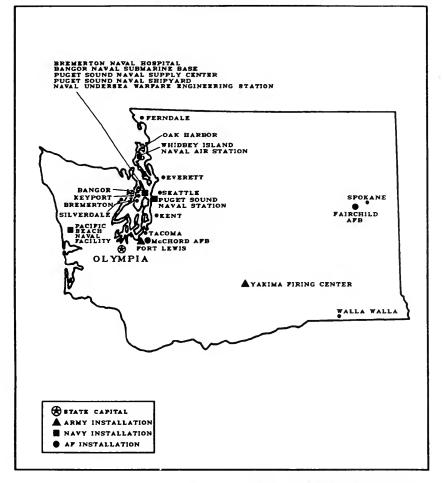
# NORFOLK AREA



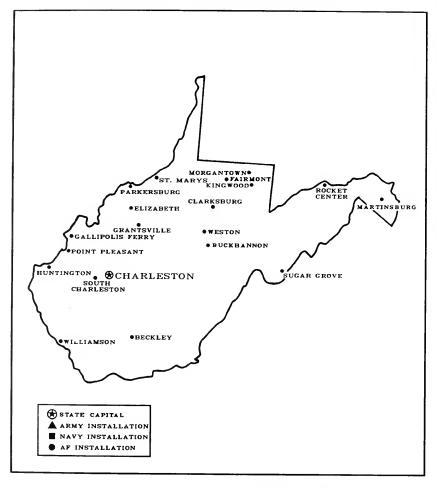
# MAP NO. 47b NORTHERN VIRGINIA



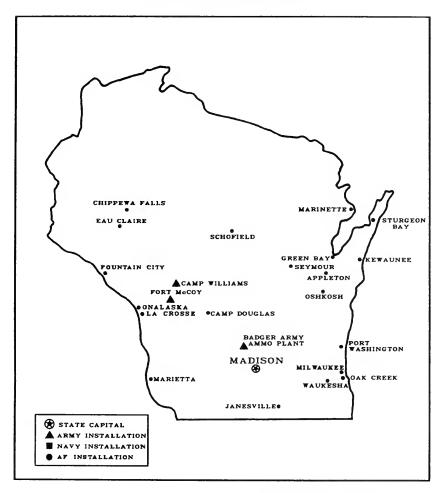
# WASHINGTON



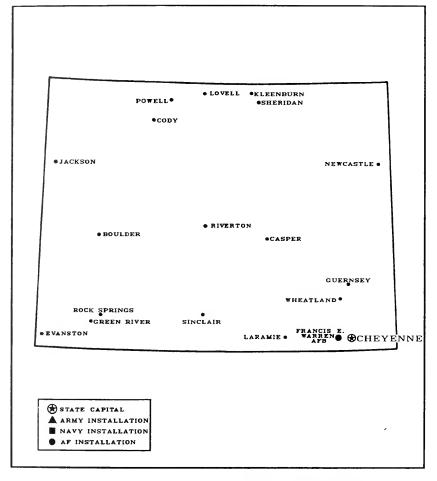
# MAP NO. 49 WEST VIRGINIA



# MAP NO. 50 WISCONSIN



#### **WYOMING**



#### DEPARTMENT OF THE ARMY

FY 1994
Budget Estimates

Military Construction, Family Housing & Homeowners Assistance



Justification Data Submitted to Congress April 1993

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	Missouri	127
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	South Carolina	201
	Texas	211
	Utah	245
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# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART 1) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

PROJECT		AUI	HORIZATION	APPROPRIATION	
NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAG
	<del></del>				
Al abama	hadatan hari Danat (1967)				
41302	Anniston Army Depot (AMC) Ammunition Demilitarization Fac Ph IV		110,900	110,900	
	Subtotal For Anniston Army Depot PART I	\$	110,900	110,900	
	Fort Rucker (TRADOC)				
2095	Petroleum Lab and Fuel Storage		5,800	5,800	
10528	Operations Facility		1,150	1,150	
36037	Whole Barracks Renewal		20,000	20,000	1
	Subtotal For Fort Rucker PART I	\$	26,950	26,950	
	* TOTAL MCA FOR Alabama	\$	137,850	137,850	
Arizona	Fort Huachuca (TRADOC)				2
1814	Battalion Headquarters		4,800	4,800	2
38773	General Purpose Administrative Facility	_	4,050	4,050	2
	Subtotal For Fort Huachuca PART I	\$	8,850	0,850	
	* TOTAL MCA FOR Arizona	\$	8,850	8,850	
California	Fort Irwin (FORSCOM)				:
31961	Whole Barracks Renewal		5,900	5,900	:
	Subtotal For Fort Irwin PART I	\$	5,900	5,900	
	* TOTAL MCA FOR California	\$	5,900	5,900	
Colorado	Fort Carson (FORSCOM)				
2220	Range Control Facility		4,050	4,050	•
	Subtotal For Fort Carson PART I	\$	4,050	4,050	

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## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STRIES

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUTI		APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Georgia		Port Benning (TRADOC)				49
	22546	Multipurpose Machine Gun Range		1,650	1,650	51
	35301	Whole Barracks Renewal		17,500	17,500	54
	35308	Barracks Modernization		18,500	18,500	57
		Subtotal For Fort Benning PART I	\$	37,650	37,650	
		Port Stewart (FORSCOM)				61
	39137	Cargo Handling Facility		4,500	4,500	63
	39141	Expand Ammunition Storage Area		3,600	3,600	66
	39143	Railroad Track Improvement		2,000	2,000	69
	39153	Hardstand		8,700	8,700	72
		Subtotal For Port Stewart PART I	\$	18,800	18,800	
		* TOTAL MCA FOR Georgia	\$	56,450	56,450	
Hawaii		Schofield Barracks (USARPAC)				77
IMMAIL	14840	Operations Facility		2,600	2,600	79
	34642	Multi-Purpose Family Service Center		16,000	16,000	82
	34042	nutti-rurpose raintly service center		16,000	16,000	82
		Subtotal For Schofield Barracks PART I	\$	18,600	18,600	
		* TOTAL MCA FOR Hawaii	\$	18,600	18,600	
Kentuck	v	Port Campbell (FORSCOM)				87
	820	Dining Facilities Modernization		3,500	3,500	89
	33345	Airfield Improvements		3,950	3,950	92
	39057	Mobilization Warehouse		850	850	95
	40217	Whole Barracks Renewal		32,000	32,000	98
		Subtotal For Fort Campbell PART I	\$	40,300	40,300	
		Port Knox (TRADOC)				101
	3091	Whole Barracks Renewal		25,000	25,000	103
	6895	Maintenance Facility		12,200	12,200	106
	22332	Multipurpose Training Range		4,150	4,150	109

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE PROJECT	INSTALLATION (COMMAND)	AITTHORT ZATTO	N APPROPRIATION	
NUMBER	PROJECT TITLE	REQUES		PAGE
Kentucky	Fort Knox (TRADOC) (CONT.)			101
	Subtotal For Fort Knox PART I	\$ 41,35	60 41,350	
	* TOTAL MCA FOR Kentucky	\$ 81,65	81,650	
Maryland	Aberdeen Proving Ground (AMC)			115
6792	Applied Instruction Facility	14,00		117
17544	Target Assembly and Storage Facility	1,80	00 1,800	120
29622	Upgrade Range Complex	4,45	60 4,450	124
	Subtotal For Aberdeen Proving Ground PART I	\$ 20,25	20,250	
	* TOTAL MCA FOR Maryland	\$ 20,25	20,250	
Missouri	Fort Leonard Wood (TRADOC)			129
13576	Operations Facility	1,00	1,000	131
	Subtotal For Fort Leonard Wood PART I	\$ 1,0	1,000	
	* TOTAL MCA FOR Missouri	\$ 1,0	1,000	
Nevađa	Hawthorne Army Ammunition Plant (AMC)			137
40708	Container Holding Pads	7,0	7,000	139
	Subtotal For Hawthorne Army Ammunition Plant PART I	\$ 7,0	7,000	
	* TOTAL MCA FOR Nevada	\$ 7,0	7,000	
New Jersey	Fort Monmouth (AMC)			145
2836	Satellite Control System Addition	7,5	7,500	147
	Subtotal For Fort Monmouth PART I	\$ 7,5	7,500	
	TOTAL MCA FOR New Jersey	\$ 7,5	00 7,500	

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# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 HILLITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			
PROJECT NUMBER	PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
New Mexico	White Sands Missile Range (AMC)			153
41204	Target Track	2,900	2,900	155
	Subtotal For White Sands Missile Range PART I	\$ 2,900	2,900	
	* TOTAL HCA FOR New Mexico	\$ 2,900	2,900	
New York	United States Military Academy (XXX)			161
34548	Whole Barracks Renewal	13,800	13,900	163
	Subtotal For United States Military Academy PART I	\$ 13,800	13,800	
	* TOTAL MCA FOR New York	\$ 13,800	13,800	
North Carolina	Fort Bragg (FORSCOM)			169
1731	Tactical Equipment Shop	23,000	23,000	171
4641	Tactical Equipment Shop	7,100	7,100	175
35358	Whole Brigade Barracks Complex	71,600		178
40444	Sewage Treatment Plant Upgrade	540	540	182
	Subtotal For Fort Bragg PART I	\$ 102,240	102,240	
	* TOTAL HCA FOR North Carolina	\$ 102,240	102,240	
Ok.lahoma	Fort Sill (TRADOC)			187
35242	Whole Barracks Renewal	15,700	15,700	189
	Subtotal For Fort Sill PART I	\$ 15,700	15,700	
	* TOTAL MCA FOR Oklahoma	\$ 15,700	15,700	
Pennsylvania	Tobyhanna Army Depot (AMC)			195
32876	Water Pollution Abatement (DBOF)	750	750	197
	Subtotal For Tobyhanna Army Depot PART I	\$ 750	750	
	* TOTAL MCA FOR Pennsylvania	\$ 750	750	

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# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)				
PROJEC NUMBER	PROJECT TITLE	AU.	THORIZATION A		
	The state of the s	_	REQUEST	REQUEST	PAG
South Carolina	Fort Jackson (TRADOC)				20:
3240	Operations Facility		1,100	1,100	209
6936	Range Upgrade		1,600	1,600	208
	Subtotal For Fort Jackson PART I	\$	2,700	2,700	
	* TOTAL MCA FOR South Carolina	\$	2,700	2,700	
exas	Fort Bliss (TRADOC)				21.5
2255	Consolidated Maintenance Facility		14,000	14,000	213 215
	Subtotal For Fort Bliss PART I	\$	14,000	14,000	
	Fort Hood (FORSCOM)				219
22738	Whole Barracks Renewal		18,000	18,000	219
22976	Cold/Dry Storage Facility		13,400	13,400	224
31241	Tactical Equipment Shop		5,300	5,300	228
33947	Test and Evaluation Support Facility		5,200	5,200	231
37014	Close Combat Tactical Trainer Facility		7,500	7,500	234
	Subtotal For Fort Hood PART I	\$	49,400	49,400	
	Fort Sam Houston (FORSCOM)				000
5118	Multi-Purpose Family Service Center		4,351	4,351	239 241
	Subtotal For Fort Sam Houston PART I	\$	4,351	4,351	
	TOTAL MCA FOR Texas	\$	67,751	67,751	
:ah	Dugway Proving Ground (AMC)				247
16299	Life Sciences Test Facility		16,500	16,500	249
	Subtotal For Dugway Proving Ground PART I	\$	16,500	16,500	,
	Tooele Army Depot (AMC)				253
40537	Treaty Verification Facility		1,500	1,500	255
	Subtotal For Tooele Army Depot PART I	\$	1,500	1,500	
	* TOTAL MCA FOR Utah	\$	18,000	PAGE NO	. •

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

INSTALLATION (COMMAND) STATE PROJECT AUTHORIZATION APPROPRIATION NUMBER PROJECT TITLE REQUEST REQUEST PAGE Virginia Fort Belvoir (MDW) 261 9161 Operations Facility 860 860 263 Subtotal For Fort Belvoir PART I \$ 860 860 Fort Lee (TRADOC) 267 2571 Whole Barracks Renewal 20,000 20,000 269 2580 Applied Instruction Facility 12,600 12,600 272 Subtotal For Fort Lee PART I \$ 32,600 32,600 Fort Myer (MDW) 275 33965 Whole Barracks Renewal 6,800 6,800 277 Subtotal For Fort Myer PART I 6,800 \$ 6,800 \* TOTAL MCA FOR Virginia s 40,260 40,260 Fort Lewis (FORSCOM) Washington 283 39078 Incinerator Building Completion 14,200 14,200 285 Subtotal For Fort Lewis PART I 14,200 14,200 \$ \* TOTAL MCA FOR Washington 14,200 14,200 US Various Classified US Location (USVAR) 291 42169 Classified Project 3,000 3,000 293 Subtotal For Classified US Location PART I \$ 3,000 3,000 \* TOTAL MCA FOR US Various s 3,000 3,000

s

630,401

630,401

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\*\* TOTAL INSIDE THE UNITED STATES FOR MCA

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AIT	THORISATION	APPROPRIATION	
	NUMBER	PROJECT TITLE	_	REQUEST	REQUEST	PAGE
Kwajalei	in	Kwajalein Atoll (USASDC)				297
	1	Wajalein Atoll				
	35900	Sewage Treatment Facility		11,200	11,200	299
	36324	Unaccompanied Personnel Housing		10,000	10,000	302
		Subtotal For Kwajalein Atoll PART I	\$	21,200	21,200	
		* TOTAL MCA FOR Kwajalein	\$	21,200	21,200	
Overseas	s Various	Classified Location (FORVAR)				307
	(	Classified Location				
	27533	Communications Maintenance Facility	_	3,600	3,600	309
		Subtotal For Classified Location PART I	\$	3,600	3,600	
		* TOTAL MCA FOR Overseas Various	\$	3,600	3,600	
** TO	TAL OUTSII	DE THE UNITED STATES FOR MCA	\$	24,800	24,800	

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS) WORLDWIDE

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUI		APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Worldwi	ide Various	s Minor Construction (MINEXG)				315
	28464	Unspecified Minor Construction		12,000	12,000	317
		Subtotal For Minor Construction PART I	\$	12,000	12,000	
		Planning and Design (PLANDES)				319
	37156	Planning and Design		84,441	84,441	321
	37214	Host Nation Support		25,000	25,000	323
		Subtotal For Planning and Design PART I	\$	109,441	109,441	
		* TOTAL MCA FOR Worldwide Various	\$	121,441	121,441	
** TO	OTAL WORLDW	VIDE FOR MCA	\$	121,441	121,441	
MILIT	ARY CONSTR	SUCTION (PART I) TOTAL	\$	776,642	776,642	

#### FY 94 MCA Construction Projects

1			Cost	New/
State	Location	Project	(\$000)	Current
		******	******	
Inside The United	States			
Alabama	Anniston Army Depot	Ammunition Demilitarization Fac Ph IV	110,900	M
A Labama	fort Rucker	Petroleum Lab and Fuel Storage	5,800	С
Alabama	Fort Rucker	Operations Facility	1,150	c
Alabama	Fort Rucker	Whole Barracks Renewal	20,000	С
Arizona	Fort Muschuca	Battalion Headquarters	4,800	С
Arizona	Fort Muachuca	General Purpose Administrative Facility	4,050	С
California	Fort Irwin	Whole Barracks Renewat	5,900	c
Colorado	Fort Carson	Range Control Facility	4,050	С
Georgia	Fort Benning	Multipurpose Machine Gun Range	1,650	С
Georgia	Fort Benning	Whole Barracks Renewal	17,500	С
Georgia	Fort Benning	Barracks Modernization	18,500	С
Georgia	Fort Stewart	Cargo Handling Facility	4,500	С
Georgia	Fort Stewart	Expand Ammunition Storage Area	3,600	Ċ
Georgia	Fort Stewart	Railroad Track Improvement	2,000	Ċ
Georgia	Fort Stewart	Hardstand	8,700	c
Hawaii	Schofield Barracks	Operations Facility	2,600	С
Hawaii	Schofield Barracks	Multi-Purpose Family Service Center	16,000	С
Kentucky	Fort Campbell	Oining Facilities Modernization	3,500	С
Kentucky	Fort Campbell	Airfield Improvements	3,950	С
Kentucky	Fort Campbell	Mobilization Warehouse	850	Ċ
Kentucky	Fort Campbell	Whole Barracks Renewal	32,000	č
Kentucky	Fort Knox	Whole Barracks Renewal	25,000	č
Kentucky	Fort Knox	Maintenance Facility	12,200	č
Kentucky	Fort Knox	Multipurpose Training Range	4,150	č
Maryland	Aberdeen Proving Ground	Applied Instruction Facility	14,000	С
Maryland	Aberdeen Proving Ground	Target Assembly and Storage Facility	1,800	č
Maryland	Aberdeen Proving Ground	Upgrade Range Complex	4,450	č
Missouri	Fort Leonard Wood	Operations Facility	1,000	С
Nevada	Hawthorne AAP	Container Holding Pads	7,000	С
New Jersey	Fort Monmouth	Satellite Control System Addition	7,500	С
New Mexico	White Sands Missile Range	Target Track	2,900	с
New York	U S Military Academy	Whole Barracks Renewal	13,800	С
North Carolina	Fort Bragg	Tactical Equipment Shop	23,000	С
North Carolina	Fort Bragg	Tactical Equipment Shop	7,100	c
Worth Carolina	Fort Bragg	Whole Brigede Barracks Complex	71,600	Ċ
North Carolina	fort Bragg	Sewage Treatment Plant Upgrade	540	c
Oklahoma	Fort Sill	Whole Barracks Renewal	15,700	с

#### FY 94 MCA Construction Projects

			Cost	New/
State	Location	Project	(\$000)	Current
••••				
Inside The United St				
Pennsylvania	Tobyhanna Army Depot	Water Pollution Abatement	750	С
South Carolina	Fort Jackson	Operations Facility	1,100	С
South Carolina	Fort Jackson	Range Upgrade	1,600	С
Texas	Fort Bliss	Consolidated Maintenance Facility	14,000	С
Texas	Fort Hood	Whole Barracks Renewal	18,000	С
Texas	Fort Hood	Cold/Dry Storage Facility	13,400	С
Texas	Fort Hood	Tactical Equipment Shop	5,300	С
Texas	Fort Hood	Test and Evaluation Support Facility	5,200	С
	Fort Hood	Close Combat Tactical Trainer Facility	7,500	N
Texas Texas	Fort Sam Houston	Multi-Purpose Family Service Center	4,351	c
		Life Sciences Test Facility	16,500	С
Utah	Dugway Proving Ground			N
Utah	Tooele Army Depot	Treaty Verification Facility	1,500	N
US Various	Classified US Location	Classified Project	3,000	С
Virginia	Fort Belvoir	Operations Facility	860	С
Virginia	Fort Lee	Whole Barracks Renewal	20,000	С
Virginia	Fort Lee	Applied Instruction Facility	12,600	С
Virginia	Fort Myer	Whole Barracks Renewal	6,800	С
Washington	Fort Lewis	Incinerator Building Completion	14,200	С
Outside The United S	tates			
Kwajalein	Kwajalein Atoll	Sewage Treatment Facility	11,200	C
Kwajalein	Kwajalein Atoll	Unaccompanied Personnel Housing	10,000	С
Overseas Various	Classified Location	Communications Maintenance Facility	3,600	С
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	12,000	
Worldwide Various	Planning and Design	Planning and Design	84,441	
Worldwide Various	Planning and Design	Host Nation Support	25,000	
20.102.02			•	
	Total Cost of New Mi	ssion projects (3)	s 119,900	
	Total Cost of Curren		\$ 535,301	
	Total Cost of other		\$ 121,441	
	Total Cost of FY 94 I		\$ 776,642	
	idial cost of F1 94 i	nen riojecta ( Vi )	,546	

#### DEPARTMENT OF THE ARMY HILLITARY CONSTRUCTION (PART I) FY 1994

#### INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
A	NHC	115
Anniston Army Depot	MC	3
B		
Fort Belvoir	MDW	261
Fort Benning	TRADOC	49
Fort Bliss	TRADOC	213
Fort Bragg	FORSCOM	169
c		
Fort Campbell	PORSCOM	87
Fort Carson	PORSCOM	41
Classified US Location	USVAR	291
Classified Location	FORVAR	307
D		
Dugway Proving Ground	MC	247
н		
Hawthorne Army Ammunition Plant	AMC	137
Port Hood	PORSOOM	219
Fort Sam Houston	PORSCOM	239
Fort Huachuca	TRADOC	23
I		
Fort Irvin	FORSCOM	33

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### DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION (PART I) PY 1994

### INSTALLATION LIST

INSTALLATION		MACOM	1390 PAGE
Fort Jackson	<u>J</u>	TRADOC	203
Fort Knox Kwajalein Atoll	К	TRADOC USASDC	101 297
Fort Lee	L.		
Port Lewis		TRADOC FORSCOM	267 283
	<u>m</u>		
Port Monmouth Fort Myer		AMC	145
Minor Construction		MDW MINEXG	2 <b>7</b> 5 315
	P		
Planning and Design		PLANDES	319
	R		
Fort Rucker		TRADOC	9
	s —-		
Schofield Barracks Fort Sill		USARPAC	77
Fort Stewart		TRADOC PORSCOM	187 61
		romocum	ρŢ

### DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION (PART I) FY 1994

#### INSTALLATION LIST

		1390
INSTALLATION	MACOM	PAGE
T		
Tobyhanna Army Depot	AMC	195
Tooele Army Depot	AMC	253
U		
United States Military Academy	XXX	161
W		
thite Canda Wissile Dans	****	160
White Sands Missile Range	AMC	153
Fort Leonard Wood	TRADOC	129

### DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION (PART I) FY 1994

#### COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	167,300	167,300
US Army Forces Command	239,241	239,241
US Army Military District of Washington	7,660	7,660
US Army Training and Doctrine Command	180,800	180,800
US ARMY PACIFIC	18,600	18,600
Various US Army Major Commands-Foreign	3,000	3,000
United States Military Academy	13,600	13,800
OUTSIDE THE UNITED STATES		
Assistant Chief of Engineers	3,600	3,600
US Army Strategic Defense Command	21,200	21,200
WORLDWIDE		
Military Construction, Army-Minor	12,000	12,000
Assistant Chief of Engineers	25,000	25,000
Planning and Design	84,441	84,441
TOTAL	776,642	776,642

### DEPARTMENT OF DEFENSE MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army in terms of budget plans shown in the schedules of this title are summarized in the following tabulation:

FISCAL YEAR	MILITARY CONSTRUCTION, ARMY BUDGET PLAN
FY 1992 (Actual) FY 1993 (Actual)	894,899,000 437,070,000
FY 1994 (Request)	776,642,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army Family. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress early in 1993.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. The Army's facilities strategy is to:

Provide Sufficient Resources Focus the Investment Reduce Facility Inventory

The Focus of investment is on revitalization of facilities at installations which remain after base closure actions. In the current year, investment is primarily directed toward improving living conditions for the single soldier and the Army's worldwide power projection capability at CONUS installations.

- 2. <u>Minor Construction</u>. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805.
- 3. <u>Planning</u>. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.
  - 4. Supporting Activities. Provides for the Defense Access Road Program.

#### Department of Defense

### MILITARY CONSTRUCTION, ARMY [INCLUDING RESCISSIONS]

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief [\$425,270,000] \$776,642,000, to remain available until September 30, [1997] 1998: Provided, That of this amount, not to exceed [\$110,000,000] \$109,441,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

10 USC 2675, 2802-05, 2807, 2828, 2851-54, 2857; Military Construction Appropriations Act, 1993; additional authorizing legislation to be proposed.

Military Construction, Army Program and Financing (in Thousands of dollars) SUMMARY

764,899 315,270 (13,00	dentifi	Identification code 21-2050-0-1-051	1992 actual	992 actual 1993 est. 1994 est.	1994 ast.
Major construction		***************************************	******************		
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Minor construction  Supporting activities  Total direct program  Total direct program  Total direct program  Total  Total	0.0101	Major construction	764 899	315 270	655 201
Planning activities Supporting activities Total direct program  Relimburable program  Total Tota	0.0201	Minor construction	11.900	000	25.5
Supporting activities  Total direct program  Reimbureable program  Total  Total  Total  Total  Total  Total  Transferred from of prior year budget plans  Unobligated balance available and of year:  For completion of prior year budget plans  Recovery of prior year budget plans  Available to flance new budget plans  Responsing from/to prior year budget plans  Unobligated balance available and of year:  Responsing to dispersion of prior year budget plans  Unobligated balance available  Budget authority:  Appropriation (adjusted)  Appropriation (adjusted)  Appropriation of prior year budget  Appropriation of outlays:  Responsing to dispersion of year  Responsing to their accounts  Appropriation of prior year budget  Appropriation of prior year budget  Appropriation of prior year budget  Appropriation of prior year  Responsing to the prior year year  Responsing to the prior year  Responsing to the prio	0.0301	Planning	113 000	900	200
Total direct program   Reinbursable program   Total direct program   Total	0.0401	Supporting activities	6,000	2	4.50
Reimbursable program  Total  Intering:  Confiscating collections from:  Federal fundat-)  For seal fundat-)  Non-federal sucreat-,  Non-federal sucreat-,  Non-federal sucreat-,  Non-federal fundat-)  Non-federal sucreat-,  Non-federal fundat-)  Non-federal fundat-)  Non-federal sucreat-,  Non-federal fundat-)  Non-federal fundat	0.9101	Total direct program		010 107	
Total			0 .	000'15	110.042
financing:  Offseting collections from:  Offseting collections from:  Trust funds(-)  Non-federal funds(-)  Non-federal sources(-)  Non-federal source	1.0101	Reimbursable program	1,780,662	1.800,000	1,500,000
Offsetting collections from:  Offsetting collections from:  Federal fundat(-)  Trust fundat(-)  Trust fundat(-)  Trust fundat(-)  Non-federal acurea(-)  Recovery of prior year budget plans  Available to finance new budget plans  Available to finance new budget plans  Reprograming from/re prior year budget plans  Reprograming from content accounts  Reprograming from content (-)  Reprograming from content (-)  Appropriation (adjusted)  Reprograming from contents  Appropriation (adjusted)  Reprograming from/reprograming f	.0001	Total		010 100	
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Non-federal about case(*)  Non-federal about case(*)  Unobligated balance available, start of year:  For completion of prior year budget plans  Available to finance new budget plans  Available to finance new budget plans  Reprograming from/to prior year budget plans  Reprogramming from/to prior year budget plans  Unobligated balance available, and of year:  For completion of prior year budget plans  Budget authority  Reprogramming from/to year budget plans  Budget authority  Appropriation  Transferred to other accounts (*)  Appropriation of collections to outlays:  Deligations incurred  Appropriations incurred  Appropriations outlays:  Deligations incurred  Deligated balance, atter of year  Adjustments in expired accounts (net)  Adjustments in expired accounts	8		-247,413	-250.000	-380.000
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Transferred from other accounts  Appropriation (adjusted)  (adjustions incurred to outleys:  (b) igstions incurred to outleys:  (b) igsticuted belance, and of year  Adjustments in wapired accounts  (c) incurred to outleys:  (c) incurred to outleys:  (d) incurred to outleys:  (e) incurred to ou	8	Transferred to other accounts (-)	000 5		7.0.01
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	8	(***)			

Military Construction, army
Program and Financing (in Thousands of dollars) SUMMARY
Doligations

Identif		1992 actual	1993 est.	1994 est.
<b>.</b>	Program by activities:			
00.0101	Major construction	736.344	572 583	709 684
00.0201	Minor construction	15,058	6.071	10.800
00.030	Planning	105,325	126,573	669 86
2	פלוסונים מכנוסונים		1,020	
1016.00	Total direct program	856,727	706,246	819,183
01.0101	Reimbursable program	1,846,119	1.800.000	1.500 000
10.0001	Total	2,702,846	2,506,246	2,319,183
•	Financing:			
	Offsetting collections from:			
11.0001	Federal funds(-)	-1.523.375	-1.550.000	-1 120 000
13.0001	Trust funds(-)	-246.202	-250.000	-380 000
14.0001	Non-federal sources(-)	3.222		
17.0001	Recovery of prior year obligations	-119.489		
	Unobligated belance available, start of year:			
21.4002	For completion of prior year budget plans	-700,126	-752,206	-483.030
21.4003	Available to finance new budget plans	-39,000		
21.4009	Reprograming from/to prior yeer budget plans			
22.0001	Unob) igated balance transferred to other accounts	-11,131	-6.300	
	Unobligated balance available, end of year:			
24.4002	ror completion of prior year budget plans	752,206	483.030	440,489
	Unopilgated balance expiring	6,733		
1000	Budget author(tex			
000	nudget authority	825.684	430,770	776.642
	Budget authority:			
40.0001	Appropriation	823,970	430,770	776,642
41.0001	Transferred to other accounts (-)	-5,000		
42.0001	Iransferred from other accounts	6.714		
43.0001	Appropriation (adjusted)	825,684	430,770	776.642
	Relation of obligations to outlays:			
1000.	UDI Igations incurred	936, 491	706,246	819,183
74. 4001	UDI igated balance, start of year	622, 107	893,547	782,762
11.000	upiligated balance, and of year	-893,547	-782.762	838,562
78.0001	Adjustments in expired accounts (net) Adjustments in unexpired accounts	603		
000	( ****)			
	( ) D   ( ) D	246, 165	150.718	/63,383

Military Construction, Army Object Classification (in Thousands of dollars) SUMMARY

Identification code 21-2050-0-1-051	1992 actual		1993 est. 1994 est.
Office to bigations: Personal compensation: Personal compensation: Other than full-ties personal Other personal compensation	186.	31,947	37,535
Total personnel compensation	39,663	•	38.381
Personnel Benefits: Civilian personnel	17.193	14, 175	16.655
Travel and transportation of parsons	152	2.0	165
organization of things and miscellancous charges	202	141	98-
Other services:	100		
Payaents to foreign nations! Indirect nine personne!	170.842	140.410	164.972
Contracts Supplies and esteriels	291	212	249
Equippent Land and structures	403 620.854	610,991	583,321
Total Offset obligations	856,727	705.226	811,533
Reimbursable obligations: Personnel Compansation: Full-time personnel Other than full-time permenent	28 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	. 680 8 . 640 2 . 640	153,900
Total personnel compensation	198,363	193,322	161,102
Personnal Benefits; Civilian Personnal	10,231	9,900	25,050
cransportation or trings.  Consultrations, utilities, and miscellaneous charges.  Printing and reproduction	1.086	1.080	48.600 900
Other services: Payments to foreign national indirect hire personnel	104	081	150
Other	31 867	31 140	35 950
Equipment Land and structures	804.788	881.88	734.986
Total Reimbursable obligations	1.846.119	1,800,000	1,500,000
Allocation Accounts Personnel compensation: Full the personnel compensation Other personnel compensation		200	148 20

Military Construction, Army Object Classification (in Thousands of dollars) SUMMARY

1992 actual 1993 ast. 1994 act.	1992 actual	1993 est.	1994 est.
312.101 Personnel banefits: Civilian personnel		•	
321.001 Travel and transcontaction of contract		7	50
322.001 Transportation of this or		6	-2
		-	6
325.204 Other			
ā		15	911
331 000 631:000 631:000		~	7.
		2	12
STATE AND STRUCTURES		176	7,290
cast.col lotal Allocation Accounts		1,020	7,650
	1 1 1 1 1 1 1		
	2.702.846	2,702,846 7,506,746 9,19 183	2 319 183

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#### Special Program Considerations Fiscal Year 1994

#### SECTION I

#### ITEMS OF SPECIAL INTEREST

**Environmental Protection** 

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this program.

#### Preservation of Historical Sites and Structures

Facilities included in the program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, the Army has screened the fiscal year 1994 construction requirements against the Resolution Trust Corporation's (RTC) Real Estate Asset Inventory. The screening process included Military Construction, Army (MCA), Army Family Housing (AFH), and Base Closure Account (BCA) construction programs. None of the properties listed in the RTC assets inventory will meet the facility or housing needs of the Army at this time. The Army will continue to monitor the RTC inventory of assets in the future to determine if our facility needs can be economically met by the purchase of RTC assets.

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#### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, an explanation is provided on the DD Form 1391.

#### Concrete Technology

The House Armed Services Committee Report #101-121, page 338, recommended that the Secretary of Defense undertake an investigation of new concrete technologies and further recommended that services include three demonstration projects in their fiscal year 1991 budget requests. Most laboratory tests on concrete made with blended hydraulic cement were completed by the U.S. Army Corps of Engineers in April 1992. Material cost of the cement is approximately three times that of conventional Portland Cement. When the life cycle cost analysis of planned facilities demonstrates that operational and time savings realized through the use of blended hydraulic cement offset its higher material and construction costs, those facilities will include blended hydraulic cement requirements in the design and construction. At this time none of the services can identify suitable, cost effective MILCON demonstration projects that would benefit by the specialized features of blended hydraulic cement. However, each service is aware of the rapid set properties of the cement and will consider its use for maintenance or repair projects having such requirements.

#### Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), pg. 1003 directs that future budget requests include an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Infrastructure, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects or the Republic of Korea Funded Construction programs. Projects in Europe to be funded with residual value funds will state whether or not the project is eligible for NATO Infrastructure funds. The additional paragraph of each overseas DD Form 1391 includes the certification as to alternate funding eligibility.

#### Use of NATO Infrastructure Funds

The Conference Appropriation Committee Report #102-236, p. 8, states the Committees endorse the use of NATO Infrastructure funding for eligible projects in the U.S. NATO has adopted a new strategic concept which emphasizes mobility and reinforcement of forces from member nations. The U.S. has identified CONUS embarkation facilities to seek possible NATO funding at Forts Hood, TX, Riley, KS, and Benning, GA; and Military Ocean Terminals Bayonne, NJ, and Sunny Point, NC. Facilities requirements will be included in Infrastructure Capability Packages (ICP) for NATO which link military requirements with force goals. ICPs will be prepared when these force goals are finalized.

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Chemical Weapons Disposal

The Fiscal Year 1994 Budget contains a project in Fiscal Year 1994 to continue the incremental funding needed to construct a second Chemical Disposal facility in the United States at Anniston Army Depot, Alabama, and a project to construct a treaty verification facility to complement the disposal facility constructed at Tooele Army Depot, Utah.

Tooele Army Depot, Utah

Treaty Verification Facility

\$ 1,500,000

Anniston Army Depot, Alabama

Ammunition Demilitarization Facility 110,900,000

Projects for Chemical Disposal facilities to be constructed at the following remaining locations along with depot support projects will be included in subsequent budgets requests:

Umatilla Depot Activity, Oregon Pine Bluff Arsenal, Arkansas Pueblo Depot Activity, Colorado Lexington-Bluegrass Army Depot, Kentucky Aberdeen Proving Ground, Maryland Newport Army Ammunition Plant, Indiana

Energy Conservation Program

The House Appropriations Committee Report #102-580, p. 3, recommends the Department include funds for energy conservation in the fiscal year 1994 budget submission along with a five year program of energy conservation. The fiscal year 1993 Appropriations Act approved \$60.5 million in Defense Agency funds to support the Department of Defense's Energy Conservation Investment Program (ECIP). The FY93 funds include \$10 million for renewable energy projects, currently under review by the Tri-Service Renewable Energy Committee, and \$0.5 million for a study on increased use of natural gas in DoD. The five year funding guidance (FY93-97) from the Office of the Secretary of Defense for the Army's portion of the remaining \$50 million was \$12.8 million/year. The Army project submission for FY93 was \$12.96 million. Army ECIP projects in excess of \$18.0 million have been identified and are under review for the FY94 program.

#### Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the FY92 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the FY94 Budget. Therefore, no siting plans are required.

#### Kwajalein Contracting and Packaging Plan

The House Appropriations Committee Report #102-74, p. 8, approved eight construction projects on Kwajalein and encouraged the Army to pursue the packaging of contracts where appropriate, to include multi-year packaging in order to achieve cost savings. A large construction package was awarded to an American contractor (H.B. Zachery of San Antonio, Texas) on 21 September 1992. The package included three Military Construction, Army projects worth \$40 million, plus BMAR and Defense funded projects totaling \$30 million. Another package was solicited in December 1992 containing two MILCON and various BMAR projects. The two Army projects should exhaust the \$47.4 million FY92 appropriation. The remaining Army projects will be solicited in May 1993 and funded using available bid savings from previous awards.

This contracting and packaging plan could result in lower construction costs. The construction cost index at Kwajalein is 2.5. Construction costs are two and one-half times the normal cost of construction in the United States because of the remoteness of Kwajalein. Once there are two contractors on site in Kwajalein, future projects should benefit from more competitive bids and reduced contractor mobilization costs.

#### Fiscal Year 1994

#### SECTION II

#### CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds

Conference Report No. 100-498, Making Further Continuing Appropriations For The Fiscal Year Ending September 30, 1988 directed that an information exhibit be included in each budget request indicating construction to be accomplished with funds other than family housing and military construction. A listing is attached at the end of this section which includes:

#### A. Procurement

- B. Other Appropriations (Major Repair and Minor Construction)
  Research, Development, Testing and Evaluation (RDTE)
  Operation and Maintenance, Army (OMA)
  Operation and Maintenance, Army Reserve (OMAR)
- C. Overseas Residual Value Military Construction Real Property Maintenance

### CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY94

#### A. Procurement

APPROPRIATION/ LOCATION	COST PROJECT TITLE	ESTIMATE \$000
AMMO Holston AAP, TN	Industrial Wastewater Monitoring System	217
Holston AAP, TN	Construct Flyash/Sanitary Landfill	1,834
Lake City AAP, MO	Replace Waste Line Building 1	306
Lone Star AAP, TX	Burners/Controls Fans - Building F-29	538
Lone Star AAP, TX	B-Line Barricades	742
Milan AAP, TN	Repair Rout 23	500
Radford AAP, VA	Access Walkways to Tanks in Solvent Area	1,333
Radford AAP, VA	Nitrogen Oxide (NOx) Abatement System	889
Radford AAP, VA	Upgrade Ventilation for Propellant Buildings	16,448
MSL Redstone Arsenal, AL	Rehab Rocket Motor Facility	2,300

### B. Other Appropriations

(FY94 Minor Construction - projects less than \$300,000)

APPROPRIATION	BUDGET <u>ESTIMATE</u>
Operation & Maintenance, Army (OMA)	46,500
Research, Development, Test and Evaluation (RDTE)	1,900
Operation & Maintenance, Army Reserve (OMAR)	418
Operation & Maintenance, Army National Guard (OMANG)	5,200

PAGE NO. xxx

#### CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY94

#### C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the FY93 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments. Fiscal Year 1993 legislation permits the use of residual value under two separate authorities:

Overseas Military Facility Investment Recovery Account (FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609))

This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

Residual Value Credits (FY93 Defense Appropriations Act, PL 102-396 (106 STAT. 1913))

This permits separate accounts for NATO member states for deposit of residual value amounts which can then be used for facility construction or real property maintenance.

The Army will pursue residual value negotiations with the Host Nation governments to fund the following requirements with a combination of payment-in-kind and cash receipts.

TYPE OF WORK	DESCRIPTION	COST <u>ESTIMATE</u>
Real Property Mai	ntenance Repairs exceeding \$15,000	\$147,742,000
Major Construction	n Projects (1391s attached)	
	Grafenwoehr, GE Landfill	18,000,000
	Hohenfels, GE Upgrade Sewer System	25,000,000

PAGE NO. xxxi

1. COMPONENT							2.DATE		
	FY 1	9 <u>94</u> MILITARY	CONST	RUCTIO	N PR	OJECT DATA			
ARMY							AP	RIL 1993	
3. INSTALLATION AN	D LOCAT	ION		4.PROJE	CT TI	TLE			
Grafenwoehr Tr	ainin	g Area							
Grafenwoehr, G	erman					Landfill Ex	<b>kpansion</b>		
5. PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	00)	
Auth									
22056A		833		34513		Approp			
		9.0	OST EST	IMATES	, .				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILI	TY							15,760	
Leachate Tre	eatmen	t Plant			LS			(5,040)	
Water Proof	Work				CY	98,400	61.68	(6,070)	
Gas Exhaust	Line				LF	5,600	26,21	(147)	
Gas Wells					EA	5	14,364	(72)	
Gas Collecti	on Li	ne			LF	2,800	26.41	(74)	
Total from C	Contin	uation page			l l			(4,357)	
SUPPORTING FAC		ES						162	
Electric Ser					LS			(91)	
Information	Syste	ms			LS			(71)	
ESTIMATED CONT	RACT	COST			$\vdash$			15,922	
CONTINGENCY PE	RCENT	(5.00%)			ļ			796	
SUBTOTAL		Z i Ó						16,718	
SUPERVISION, I	NSPEC	TION & OVERHEAD	(6.5	0%)				1,087	
TOTAL REQUEST			•	•				17,805	
TOTAL REQUEST	(ROUN	DED)						18,000	
	•	OTHER APPROPRIAT	IONS					(4)	
					ш			L	

10.Description of Proposed Construction Expand and improve a sanitary landfill in accordance with German and US environmental requirements. Work includes leachate treatment plant, earth work, ground sealing work (to separate contaminants from ground water), drainage, gas exhaust lines and gas wells, gas collection lines, gas regulator station, gas cleaning plant, gas power plant, gas collection tank, seepage water lines, gravel road, asphalt road, maintenance building, wood shredder, utility and energy monitoring and control system (UEMCS) substation and connections, security fencing with gates, and Host Nation Testing, Quality Control, and Inspection. Supporting facilities include electric lines, lighting, and information systems. Dud clearance is required.

11. REQUIREMENT: 22,000 TN ADEQUATE: NONE SUBSTANDARD: 17,000 TN PROJECT: Expand and improve a sanitary landfill at Grafenwoehr Training Area (GTA). (Current Mission)

REQUIREMENT: This sanitary landfill expansion project is required to prevent violations of Federal (German - Host Nation) and State (Bavarian - Land) Waste Disposal and Water Protection Laws and to meet the future waste disposal requirements of the Seventh Army Training Command. It is needed before the

1.COMPONENT						2.DATE	
	FY 19 <u>94</u>	MILITARY	CONSTRUCTIO	N PROJI	ECT DATA		
ARMY	D TOCOMION				APR	APRIL 1993	
3.INSTALLATION AN	D LOCATION						
Grafenwoehr Training Area, Grafenwoehr, Germany 4.PROJECT TITLE 5.PROJECT NUMBER							
4.PROJECT TITLE					5. PROJECT	NUMBER	
Sanitary Landfill Expansion 34513						4513	
			·				
9. COST ESTI	MATES (CONTIN	IUED)					
						Unit	Cost
Item				U/M	QTY	COST	(\$000)
PRIMARY FACILI	TY (CONTINUE	<u>))</u>					
Gas Regulato	r Station			SF	180	143.14	(26
Landfill Gas	Cleaning Pla	int		LS			(202
Gas Collecti	on Tank			LS			(141
Landfield Ga	s Torch			LS			(125
Gas Power Pl	ant			LS			(403
Swer Camera				LS			(63
Wood Shreder	:			LS			(137
Laboratory F	urnishing			LS			(476
Seepage Wate	er Line			LF	9,200	42.74	(393
Gravel Road				SY	3,000	20.16	(60
Asphalt Road	1			SY	2,000	55.44	(111
Maintenance	Building			SF	800	186.49	(149
Landscaping/	'Recultivating	J		LS			(1,004
EMCS Substat	ion			LS			(71
EMCS Connect	ion			LF	4,100	18.95	(78
Security Fer	ce/Gates			LF	1,500	44.36	(67
Hazardous Wa	iste Storage			EA	5	14,112	(71
Dud Clearand	e			AC	31	12,096	(375
HN Testing,				LS			(403
Building Inf	formation Syst	ems		LS			(2
						Total	4,357

#### REQUIREMENT: (CONTINUED)

existing samitary landfill capacity is exceeded.

CURRENT SITUATION: The existing sanitary landfill does not meet the requirements outlined in the following Host Nation (Federal and State) laws: Bavarian (State - Land) Waste Disposal and Contaminated Site Law, Part 4, Section 1: Federal Water Act Paragraphs 1A, 22, and 34; and both the Federal and the State nature protection laws. This landfill is the sole depository for refuse generated annually by the Grafenwoehr, Hohenfels, Vilseck Subcommunities, and the US Army. Approximately 17,000 tons of waste are generated annually by these communities, the USAREUR troops that deploy to the Grafenwoehr and Hohenfels training areas. To alleviate political problems, the sanitary landfill was recently rehabilitated to meet short-term environmental requirements. At the present filling rate, the rehabilitated sanitary landfill will be exceeded by June 1994. Thereafter, without this project, waste would have to be dumped on unprotected ground in violation of host nation and US waste disposal and water protection laws. Legal conflicts between the US Army and Federal Republic of Germany (FRG) could result. As it is not possible to deliver the waste to local sanitary landfills or trash incineration plants,

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD 1 PORM 1391C

PAGE NO. xxxiii

1.COMPONENT									1	2.DATE
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10101	FX	7 19 <u>94</u>	MILIT	CARY CO	NSTRU	TION	PROOI	SCT DA	TA	APRIL 1993
ARMY 3.INSTALLATION A	ND LOCATI	ION								APRIL 1993
J. INSTAUDATION A	ND LOCKII	LON								
C			Custon		C					
Grafenwoehr T.	raining	J Area,	Grater	woenr,	Germ	any		5.PROJ	eem NI	TWDED
4.PROJECT TITLE								3.PRO3	BC1 N	UPIDER
Canibana I and	6:11 ps		_							34513
Sanitary Land	TIII EX	cpansion	4							34313
CURRENT SITUA	TTON.	(CONTIT)	TAILLETA							
the extension				Afill	ic th	0.01	r =1+	ornati	170 W	ithout
violating hos							y alt.	EInaci	v	renout
IMPACT IF NOT							arowi.	a bor		ious refuse
disposal prob										
laws will be										
		-								d. This threat
to health and										
between the U						ı iea	1 10	POIILI	Cai	CONTILCC
ADDITIONAL:						hir U	dan		11.0	Army Europe
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option to mee 91-92) are pr are funded un 12. SUPPLEME	et the reception of the contract of the contra	requirentsites for the OMA apparate of the OMA	nent. S or this ppropri	Sanitar s sanit iation.	ry Land tary 1	dfill andfi	Repa 11 ev	ir Pha tensio	ses n pr	1 and 2 (FY oject and they
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1.COMPONENT	EV 1094 NI	LITARY CONSTRUCTION PROJE	የርጥ ይልመል	2.DATE	
ARMY		LITARI CONSTRUCTION PROOF	SCI DAIA	APRIL	1993
3.INSTALLATION AN	ND LOCATION				
Grafenwoehr Ti	raining Area, Gra	fenwoehr, Germany			
4.PROJECT TITLE			5.PROJECT N	UMBER	
Sanitary Land:	fill Expansion			345	13
			• • • • • • • • • • • • • • • • • • • •		
	NTAL DATA: (Conti mated Design Data				
(4)	Construction Sta	art		month &	
B. Equipother approp		with this project which	will be pr	ovided fr	:om
				al Year	
Equipment Nomenclat		Procuring <pre>Appropriation</pre>		opriated equested	Cost (\$000)
Nomenciae	<u>uie</u>	nppropriacion			
Info Sys - :	ISC	OPA	1994	1	4
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1.COMPONENT					-			2. DATE		
) DIG	PY 1	.9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		1002	
ARMY 3.INSTALLATION AND LOCATION 4.PROJE						APRIL 1993				
Hohenfels Training Area					1	. 11	100			
		Area			linara	d. c	ewer System	_		
Hohenfels, Germany 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT						0.				
S.PROGRAM ELEMENT 6.CATEGORI		BOOKI CODE	7.PROJECT NUMBER 8.PROJEC				COS1 (400	0,		
22056A	832 29786 Approp									
22030A				OST EST						
			ITEM			U/M	QUANTITY	UNIT	COST (\$000)	
PRIMARY FACII	LITY		···········						18,941	
Storm Sewer	Lines					LF	53,458	103.00	(5,506	
Clarificati	ion Bas	ins				LS			(309	
Retention E	Basins					EA	6	244,041	(1,464	
Settling Ba	sins					EA	6	495,858	(2,975	
Upgrade Sew	vage Tr	mt Pl	ant			LS			(8,621	
EMCS Connec	ction					LS			(66	
SUPPORTING FA	CILITI	ES							3,444	
Electric Se	ervice					LS			(478	
Water, Sewe						LS			(270	
Steam And/O						rs			(21	
Paving, Wal	-					LS			(583	
Site Imp( 1		Demo(	271)			LS			(1,910	
Dud Removal	l					LS			(182	
ESTIMATED CON	TRACT	COST							22,385	
CONTINGENCY PERCENT (5.00%)						1			1,119	
SUBTOTAL		•	•						23,504	
SUPERVISION,	INSPEC	TION	& OVERHEAD	(6.5	(80				1,528	
TOTAL REQUEST				•		ŀ			25,032	
TOTAL REQUEST	(ROUN	DED)				1			25,000	
INSTALLED EQU	JIPMENT	-отне	R APPROPRIAT	IONS					(0	
						ı	l			

10.Description of Proposed Construction Upgrade existing sewer collection systems, sewage treatment plant, and sewage discharge system. Work consists of a denitrification system, installation or replacement of sanitary, storm, and combined sewer lines. Construct storm water clarification, retention, and settling basins; modify and upgrade sewage plant; and replace sewage discharge line. Supporting facilities include modifications to electrical and water systems; paving, walks, and curbs; site improvements; and retaining wall. Connect utility and energy monitoring and control system (UEMCS). Demolish a portion of existing sewage plant.

11. REQUIREMENT: 193,052 LF ADEQUATE: 138,731 LF SUBSTANDARD: 7,652 LF PROJECT: Upgrade sewer collection, treatment, and discharge systems. (Current Mission)

REQUIREMENT: This project is required to retain and control surface water runoff and inflow into sewage plant and upgrade components of the sewage treatment plant, which was built in 1938. This project corrects violations of sewage treatment plant permit and is necessary for continued Federal Republic of Germany (FRG) support of construction in the FY 88 through 96 Military Construction, Army (MCA) Program.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD 1 PORM 1391

1.COMPONENT	TT 1004	MITTENDY CON	ICMPHICM TON	DROTECE	DAMA	2.DATE
ARMY	FY 19 <u>94</u>	MILITARY CON	STRUCTION	PROJECT	DATA	APRIL 1993
3.INSTALLATION AN	D LOCATION					
Hohenfels Trai	ning Area, H	ohenfels, Gern	nany			
Hohenfels Trai	ining Area, H	ohenfels, Gerr	nany	5.	PROJECT	NUMBER
		ohenfels, Gerr	nany	5.	PROJECT	NUMBER 29786

CURRENT SITUATION: The sewage system for Hohenfels Training Area (HTA), originally built in 1938, consists of a combined sanitary and sewer network of over 140,000 LF and a mechanical full-biological sewage system. The capacity of the system does not meet current US demands. Output of the sewage treatment plant exceeds permit requirements. The primary problem is the control of rain and surface water runoff and inflow to the sewage plant from a water shed and catchment area of 70 square kilometers. Up to 200 liters of storm water per second hits the sewage plant, overflows the valley, and discharges to the civilian community uncleaned. Due to the geological situation, the polluted storm water can reach the ground water almost unfiltered, having severe impact on US-owned water supply facilities. Oil, leaches, and acids reach the plant through the combined collection system and have a negative impact on the functional treatment system. Criteria for limited outflow concentration of biological oxygen demand (BOD5) value to degrade micro-organisms within five days), chemical oxygen demand (COD) value to degrade oxidized elements) is often exceeded. Routing storm runoff around the treatment plant is not feasible because of the large number of hardstand areas having petroleum, oils, and lubricants (POL) separators; Federal Republic of Germany (FRG) law requires POL separators to discharge into sewage treatment plants. If this project is not provided, severe restrictions IMPACT IF NOT PROVIDED: on future operation of the HTA will continue to occur from German authorities such as Superior Finance Direction, Federal Assets Office and Water Control Office. Individual measures for storm water treatment have to be included in every project resulting in numerous small retention basins throughout the installation. Presently, there are 12 smaller basins included in construction or design of three MCA projects. The current situation is unacceptable, since floods associated with five and ten-year storms result in pollution of ground water and affect the US-owned water supply area as well as the adjacent civilian community. Environmental and property damages will continue. ADDITIONAL: This project has been reviewed by Headquarters US Army Europe (USAREUR) and approved by Commander-in-Chief, US Army Europe (CINCUSAREUR). It will still be required after any planned troop reductions. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria,' dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). This project is not eligible for NATO Infrastructure funding. An economic analysis has been prepared and utilized in evaluating this project.

COMPONENT	r			2.DATE
		FY 1994 MILITARY CONSTRUCTION	PROJECT DATA	
ARMY				APRIL 1993
INSTALLA'	TION AND	LOCATION		
henfel	s Trai	ning Area, Hohenfels, Germany		
ROJECT			5. PROJECT N	UMBER
_	_			
grade	Sewer	System		29786
. SUP	PLEMEN	TAL DATA:		
A.	Estim	ated Design Data:		
	(1)	Status:		
		(a) Design Start Date (b) Percent Complete As Of 01 Janu	03 (DDCM VI	FEB 1990
		(c) Percent Complete As Of 01 Sand		
		(d) Design Complete Date		
		(a) bedryn comprete bace		100 1775
	(2)	Basis:		
		(a) Standard or Definitive Design		
		(b) Where Design Was Most Recently	Used	
	(3)	Total Design Cost $(c) = (a)+(b)$ OR	(d)+(e):	(\$000)
		<ul><li>(a) Production of Plans and Specif</li></ul>		
		(b) All Other Design Costs		
		(c) Total Design Cost		
		(d) Contract		
		(e) In-house		202
	(4)	Construction Start		APR 1994
				month & year
В.	Equip	ment associated with this project w	which will be pr	covided from
		riations:	p.	
			Fisca	al Year
Equi	pment	Procuring	Appro	priated Cost
Nome	nclatu	re Appropriation	Or Re	equested (\$00
		None		

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUT	THORIZATION AP	PROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Alabama		Anniston Army Depot (AMC)				3
	41302	Ammunition Demilitarization Fac Ph IV		110,900	110,900	5
		Subtotal For Anniston Army Depot PART I	\$	110,900	110,900	
		Fort Rucker (TRADOC)				9
	2095	Petroleum Lab and Fuel Storage		5,800	5,800	11
	10528	Operations Facility		1,150	1,150	14
	36037	Whole Barracks Renewal		20,000	20,000	17
		Subtotal For Fort Rucker PART I	ş	26,950	26,950	
		* TOTAL MCA FOR Alabama	\$	137,850	137,850	

COMPONENT		FY 1994 MILITAI	RY CONSTRUCT	TON PROGRA	М		2. DA	
ARAI							API	RIL 1993
INSTALLATION AND LOC	ATION	4. COMMA	ND					EA CONSTRUCTION ST INDEX
Anniston Army Depot		US Army Mate	eriel Comman	d				
Alabama								0.79
6. PERSONNEL STRENGT			STUDENTS		SUPPORT			
A. AS OF 30 SEP 1992		ST CIVIL OFFIC 25 3803	DERENLIST O	O OFFI			1L T 216	OTAL 4,050
B. END FY 1999	4	2 3681	0 0	0			216	3,903
		7 TNVF	ENTORY DATA	(\$000)				
A. TOTAL ACREAGE.		15,250 AC	arioki baia	(4000)				
B. INVENTORY TOTAL						869		
C. AUTHORIZATION							0	
D. AUTHORIZATION E. AUTHORIZATION						110	,900 0	
F. PLANNED IN NEX							0	
G. REMAINING DEFI			-			60	,579	
H. GRAND TOTAL								
8. PROJECTS REQUESTE	D IN THE FY 1	994 PROGRAM:						
CATEGORY PROJECT					COST	1	DESIGN	STATUS
CODE NUMBER		OJECT TITLE			(\$000)	:	START	COMPLETE
216 41302	Ammunition D	emilitarization	Pac Ph IV		110,90	0 02	2/1987	03/1992
			тот	AL	110,90	0	,	
9. FUTURE PROJECTS:								
CATEGORY	Dn	OJECT TITLE			COST			
A. INCLUDED IN T					(\$000)			
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISS	SION ONLY):	NONE				
<del></del>								
10. MISSION OR MAJOR								
To operate a sup		_	-		-			
commodities, i.e., g								
materials, shelter s maintenance facility								
assigned commodities								
arms, ammunition, mi				-				
organizations, and t		-			·			
POPM 1200	DDES	IOUS EDITION	C MAN DE E	CED INTE	DNINTTY			D1 GD 110

1.	COMPONENT	FY 1994 MILITARY CONSTRUCT	ION PROGRAM	2. DATE
	ARMY			APRIL 1993
		<u> </u>		
	INSTALLATION	AND LOCATION: Anniston Army Depot	Alabama	
	11 OFFISTANDING DOT	LUTION AND SAFETY DEFICIENCIES:		
	II. coldinating roll	BOTTON AND SAFETT DEFICIENCIES:	(\$000	11
	A. AIR POLLUTION	N		0
	B. WATER POLLUT			0
		SAFETY AND HEALTH		0
				•

1.COMPONENT				2.DATE	
F.	Y 1994 MILITA	RY CONSTRUCTION :	PROJECT DATA		
ARMY				APRIL 1993	
3. INSTALLATION AND LO					
Anniston Army Depot					
Alabama		Ammunit	ion Demilitar	ization Fac Ph IV	
5. PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT	COST (\$000)	
			Auth	110,900	
85796A	100	41302	Approp	110,900	

ITEM	U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILITY				97,145
Munitions Demil Building	SF	82,466	739.86	(61,013)
Process & Utility Building	SF	20,200	321.52	(6,495)
Container Handling Building	SF	37,300	264.03	(9,848)
Corridor	SF	6,500	264.03	(1,716)
Personnel Support Building	SF	12,767	194.29	(2,481)
Total from Continuation page				(15,592)
SUPPORTING FACILITIES				29,462
Electric Service	LS			(10,539)
Water, Sewer, Gas	LS			(4,190)
Paving, Walks, Curbs And Gutters	LS			(5,194)
Storm Drainage	LS			(976)
Site Imp( 7,632) Demo( )	LS			(7,632)
Information Systems	LS			(931)
ESTIMATED CONTRACT COST				126,607
CONTINGENCY PERCENT (8.00%)	] [			10,129
SUBTOTAL				136,736
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				8,204
TOTAL REQUEST				144,940
TOTAL REQUEST (ROUNDED)				145,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(198,691)

10.Description of Proposed Construction Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental authorizations and appropriations. This request is for Increment IV (\$110.9 million). Increment I for site preparation (Project Number (PN) 35170, \$4.9 million) was approved in the FY 91 MCA program. Increment II (PN 34889, \$29.2 million) was approved in the FY 92 MCA program. Funds in the amount of \$67.0 million were reprogrammed from the \$96.2 million originally provided in FY 92 for PN 34889. Increment III PN 39202, (\$10.0 million, in authorization only) was approved in the FY 93 program. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) complex to process lethal chemical munitions. Primary facilities include ammunition demilitarization building (MDB) with blast containment area connected by an enclosed corridor to a munitions container handling building; a process utilities building with bulk chemical storage, brine reduction facilities, and a boiler room; a personnel and maintenance facility with change rooms, maintenance storage facility, and medical treatment area; a process support and administrative building; a chemical analysis laboratory; an entry control facility; and office/storage space and laboratory for non-US inspectors and associated US escorts. Special features include blast doors; fire protection;

1. COMPONENT			2.DATE	
FY 1994 MILITARY CONST	AP	RIL 1993		
3.INSTALLATION AND LOCATION				
Anniston Army Depot, Alabama				
4.PROJECT TITLE		5.PROJECT	NUMBER	
Ammunition Demilitarization Fac Ph IV			4:	1302
9. COST ESTIMATES (CONTINUED)				
			Unit	Cost
<u>Item</u>	<u>U/M</u>	QTY	COST	<u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)				
Personnel Maintenance Building	SF	18,683	214.80	(4,013
Entry Control Facility	SF	1,243	814.06	(1,012
Laboratory	SF	8,400	572.13	(4,806
Warehouse	SF	28,000	58.04	(1,625
Treaty Compliance Facility	SF	3,032	389.84	(1,182
Guard House	SF	1,600	71.79	(115
IDS Installation	LS			(1,408
Building Information Systems	LS			(1,431
			Total	15,592

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment; special air filtration; special personnel protective clothing area; toxic chemical resistive coatings and surfaces; explosion-proof electrical fixtures; and information systems. Install an intrusion detection system (IDS). Supporting facilities include utilities; waste water treatment plant; electric service; an electrical substation; lighting and static protection system; standby electric generators with bypass isolation switches; paving, walks, curbs and gutters; access road; fire protection and alarm systems; storm drainage; security fencing, gates and lighting; fuel storage and distribution; information systems, and site improvements. Heating will be provided by gas-fired, self-contained system and air conditioning (500 tons) will be provided by self-contained units.

11. REQUIREMENT: 217,159 SF ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct a toxic chemical munitions demilitarization complex to dispose of lethal chemical agent munitions stored at Anniston Army Depot. (New Mission)

REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile. The Army submitted an implementation plan to Congress in March 1988, in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

<u>CURRENT SITUATION:</u> Rockets, mines, projectiles, and one-ton containers containing lethal chemical agents are stored in igloos at the installation some showing rapid deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for

1.COMPONENT		2.DATE
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA
ARMY		APRIL 1993
3. INSTALLATION AN	D LOCATION	
	Depot, Alabama	
4.PROJECT TITLE		5. PROJECT NUMBER
Ammunition Der	militarization Fac Ph IV	41302
	FION: (CONTINUED)	
safe storage o	continue to accrue. No other acceptable di	sposal facilities are
available.		
IMPACT IF NOT		ed, the Army will not
	mply with the Congressional mandate for ch	
	oosal. Also, maintenance and surveillance	
	gents and munitions deteriorate with age.	
	ot employees and the environment will cont	
	This project has been coordinated with th	
	and all required physical security and/o	
(CBT/T) measur	es are included. This project complies wi	th the scope and design
	DD 4270.1-M, Construction Criteria, that w	
	emented by the Army's Architectural and En	
	Criteria, dated 9 December 1991, with the	
	visions included in the Design Criteria In	
	mative methods of meeting this requirement	
	development. This project is the only fe	asible option to meet
the requiremen	it.	
12. SUPPLEMEN	TMAT DAMA	
	<u>TTAL DATA:</u> nated Design Data:	
(1)	Status:	
(-)		FFR 1007
	(a) Design Start Date	
	(c) Percent Complete As Of 01 Sandary 93	
	(d) Design Complete Date	
	(d) Design Complete Date	MAR 1992
(2)	Basis:	
(2)	(a) Standard or Definitive Design - (YES	(NO) N
	(b) Where Design Was Most Recently Used	) NO) N
	(b) where besign was most kecentry used	
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	(\$000)
` ,	(a) Production of Plans and Specification	
	(b) All Other Design Costs	
	(c) Total Design Cost	
	(d) Contract	
	(e) In-house	
	(-,	
(4)	Construction Start	APR 1994
, ,		month & year

1.COMPONENT						2.DATE
	FY 19 <u>94</u>	MILITARY CONS	STRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
3. INSTALLATION AND	LOCATION					
Anniston Army D	Depot, Alaban	ma				
Anniston Army D 4.PROJECT TITLE	Depot, Alabar	ma		5.F	ROJECT	NUMBER
	Depot, Alaban	ma		5.F	ROJECT	NUMBER

12. SUPPLEMENTAL DATA: (CONTINUED)
B. Equipment associated with this project which will be provided from other appropriations:

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
Nomenclature	Appropriation	Or Requested	(\$000)
Process Equipment	CAMD. D	1992	18,965
Process Equipment	CAMD. D	1993	76,342
Process Equipment	CAMD. D	1994	66,429
Process Equipment	CAMD. D	1995	35,373
IDS Equipment	OPA	1992	751
Info Sys - ISC	OPA	1994	57
Info Sys - PROP		1994	774
	,	TOTAL	198,691

1. COMPONENT		PY 1994 MILITARY CO	ISTRUCTION PROGR	MA	2. DATE	
ARMY					APRIL 1993	
3. INSTALLATION AND LO	CATION	4. COMMAND			5. AREA CONSTRUCTION COST INDEX	ON
Fort Rucker Alabama		US Army Training	and Doctrine Co	brusmm	0.85	
6. PERSONNEL STRENG	TH: PERMAN	ent stud	oves	SUPPORTED		
		ST CIVIL OFFICER E			IVIL TOTAL	
A. AS OF 30 SEP 199			1065 11	40 42	4445 13,837	
B. END FY 1999	1275 24	05 2898 1561	529 6	40 42	4445 13,201	
			( DATA (\$000)			
A. TOTAL ACREAGE		59,934 AC		_		
		ZP 1992			76,191	
		THE FY 1994 PROGRAM			26,950	
		E FY 1995 PROGRAM.			500	
P. PLANNED IN NE	XT POUR YEARS	(NEW MISSION ONLY).			0	
G. REMAINING DEF	ICIENCY				54,437	
H. GRAND TOTAL				1,0	58,078	
8. PROJECTS REQUESTS	ED IN THE FY 1	994 PROGRAM:				
CATEGORY PROJECT				COST	DESIGN STATUS	
CODE NUMBER	PR	JECT TITLE		(\$000)	START COMPLETE	
124 2095	Petroleum La	and Fuel Storage		5,800	01/1991 12/1991	
	Operations P	-		1,150	01/1991 08/1993	
721 36037	Whole Barrac	ks Renewal		20,000	04/1992 10/1993	
			TOTAL	26,950		
<ol><li>FUTURE PROJECTS: CATEGORY</li></ol>				COST		
CATEGORI	PR	DECT TITLE		(\$000)		
A. INCLUDED IN S				(4000)		
179	Combat Pisto			500		
			TOTAL	500		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION	ONLY): NONE			
10 4700						
10. MISSION OR MAJOR		rt for the Army Avi	ation Contor	L Saboo <sup>1</sup>		
whose mission is to		_				
rotary wing aircraft		-				

1. COMPONENT	PY 1994 MILITARY CONSTR	ICTION PROGRAM	2. DATE
ARMY			APRIL 1993
INSTALLATION	NND LOCATION: Fort Rucker	Alabama	
11. OUTSTANDING POI	LUTION AND SAFETY DEFICIENCIES:		
A. AIR POLLUTIO		(\$00	
B. WATER POLLUT			0
	SAFETY AND HEALTH		0
c. occurationa	SALBIT RED HEADIN		· ·
			,

1.COMPONENT							2.DATE	
	FY 19 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		
ARMY					A)	PRIL 1993		
3.INSTALLATION AND	DLOCATION			4.PROJE	CT TI	TLE		
Fort Rucker								
Alabama						Lab and Fu		
5.PROGRAM ELEMENT	6.CATE	GORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)
						Auth		800
85796A	<u> </u>	124		2095		Approp	5,	800
		9.0	COST EST	IMATES				
	1	TEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY							4,960
Laboratory B	uilding				SF	4,300	148.25	(637)
Earth & Conc	rete Berms				LS			(1,471)
Above Ground	Tanks (7	EA)			GA	714,000	. 95	(678)
Piping & Equ	ipment				LS			(1,765)
Fire Protect					LS			(407)
Building Inf		ystems			LS			(2)
SUPPORTING FAC								250
Electric Ser					LS			(207)
Water, Sewer					LS			(16)
Site Imp(		)			LS			(21)
Information	Systems				LS			(6)
ESTIMATED CONT								5,210
CONTINGENCY PERCENT (5.00%)							1	<u>261</u>
SUBTOTAL							1	5,471
SUPERVISION, I	NSPECTION	& OVERHEAD	(6.0	0%)				328
TOTAL REQUEST						1	5,799	
TOTAL REQUEST								5,800
INSTALLED EQUI	PMENT-OTHE	R APPROPRIAT	IONS					(1)
					$\perp$			

10.Description of Proposed Construction Construct seven aboveground aviation fuel storage tanks, a fuel acceptance testing laboratory, separator, foam buildings, berms, piping, filtering equipment, truck fill and unloading stands, and connection of the new tanks into existing adjacent facilities. Supporting facilities include utilities, electric service, area lighting, fire protection and alarm systems, paving, security fencing, parking, and site improvements. Heating and air conditioning will be provided.

11. REQUIREMENT: 882,000 GA ADEQUATE: 168,000 GA SUBSTANDARD: NONE PROJECT: Construct aircraft fuel storage tanks and a fuel acceptance testing laboratory. (Current Mission)

REQUIREMENT: This project is required to provide storage for a seven-day supply of aviation fuel and an adequate fuel testing acceptance laboratory. Fort Rucker's average daily fuel requirement is 120,000 gallons of various aviation fuels. The added tankage will be built as an extension of the existing storage areas. Incoming aircraft fuel must be sampled and tested before it is accepted and delivered to storage tanks at the four training fields.

COMPONENT		2. DATE
	FY 1994 MILITARY CONSTRUCTION PROJE	ECT DATA
ARMY		APRIL 199
.INSTALLATION AN	D LOCATION	
ort Rucker, A	Labama	Is and the second
.PROJECT TITLE		5. PROJECT NUMBER
letweleum 7 nh	and Fuel Storage	2095
etroreum Lab	and ruei Storage	2093
TIPPENT STTIL	TION: There are 462,000 gallons of fuel	storage at the four
	ls and on main post. This capacity represe	
	rements. As a result, fuel is delivered of	
	able supply. These tanks do not meet stand	
	orage Tanks (USTs). Some are leaking and	
his time usin	ng environmental funds. After replacement	by this project, the
ther tanks as	re required to be decommissioned and will	be removed as
	rironmental funds become available. The fu	
	now housed in a temporary building and a	
-	aining requirements are projected to deci	rease by only 3.5
ercent by 199		
	PROVIDED: If this project is not provide	
	I have only a three and a half day supply	
	longer than three days will cause delays	
shortfall in	mel acceptance testing will continue to ca	ause derays and
ADDITIONAL:	This project has been coordinated with the	he inetallation physical
	and all required physical security and/	
	res are included. This project complies wi	
	DD 4270.1-M, Construction Criteria, that v	
	emented by the Army's Architectural and En	
	Criteria, dated 9 December 1991, with the	
	isions included in the Design Criteria I	
(DCIS). Alter	native methods of meeting this requirement	t have been explored
	development. This project is the only $f \in A$	easible option to meet
the requiremen	ıt.	
	VTAL DATA:	
A. Estir	mated Design Data: Status:	
(1)	(a) Design Start Date	MAR 1993
	(b) Percent Complete As Of 01 January 93	
	(c) Percent Complete As Of 01 October 93	
	(d) Design Complete Date	
	(u, beergn compress base,	
(2)	Basis:	
	(a) Standard or Definitive Design - (YES	S/NO) N
	(b) Where Design Was Most Recently Used	
	-	
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$	
	(a) Production of Plans and Specification	"
	(b) All Other Design Costs	
	(c) Total Design Cost	

1.COMPONENT				2.DATE	
ARMY	FY 19 <u>94</u> MILITAR	Y CONSTRUCTION PROJE	CT DATA	APRI	L 1993
3.INSTALLATION AN	D LOCATION			*** ***	<u>u_1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
Fort Rucker, A	Alabama				
4.PROJECT TITLE			5.PROJECT N	UMBER	
Petroleum Lab	and Fuel Storage			209	5
12. SUPPLEMEN	TAL DATA: (Continued)				
	nated Design Data: (Co	ntinued)			
					25
	(e) In-house	• • • • • • • • • • • • • • • • • • • •			400
(4)	Construction Start			month &	
B. Equipother approp	ment associated with oriations:	this project which w	ill be pr	ovided fr	om
				l Year	
Equipment Nomenclatu		rocuring ppropriation		priated quested	Cost (\$000)
Nomenezaca	1	ppropriacion	OI Ke	questeu	(\$000)
Info Sys - I	sc	OPA	1994		1
			TOT	'AL	1

1.COMPONENT								2.DATE	
!	FY 1	994	MILITARY	CONST	rructio	)N PR	COJECT DATA		
3.INSTALLATION AN	TOCAT	701			T. 22071	m		A	PRIL 1993
	D MCH.	ION			4.PROJE	CT TI	TLE		į
Fort Rucker									
Alabama 5.PROGRAM ELEMENT		Te car	EGORY CODE	T- 290.	Opera		s Facility	r cost (\$00	
5.PROGRAM SIBMOS	, I	0.Cn.	EGORY CODE	/.FR00	BCT NUME	3EK	8.PROJECT	• .	•
91520A			141		* ^ 5 7 0		Auth		150
91520A			141 9.0	COST EST	10528				150
			<del> </del>	231 2-	Innia	Т		******	COSM
			ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILI								'	713
CIDC Field C		ions	Building			SF	7,080	94.27	(668)
IDS Installa						LS	!	'	(1)
Building Inf	format	ion S	ystems			LS	!	'	(44)
1						'	1 '	1	1
1					'	[ /	1 '	1	
	m-					<u>↓</u> '	<u> </u>	<u> </u>	L
SUPPORTING FAC		<u>ES</u>				ا ۽ . ا	[	'	317
4				LS		1 '	(36)		
Water, Sewer			- 3 0044000			LS		( == '	(10)
Paving, Walk		rbs n	and Gutters			LS			(54)
Storm Draina	-	~ - ~ ~ (	211			LS	,		(5)
Site Imp(		Demo(	( 31)			LS	,	'	(84)
Information	Syste	ms				LS			(128)
1						'	1	'	1
ESTIMATED CONT	TRACT	COST	<del> </del>			<del>  -  </del>	<del> </del>	<del></del>	1,030
CONTINGENCY PE	_		ባበዬነ			'	1 '	1 '	52
SUBTOTAL	inc.	, -	000,			'	1 ,	1 '	1,082
SUPERVISION, I	TNSPEC	ттON	C OVERHEAD	(6.0	1091	'	1	1 '	1,082
TOTAL REQUEST	IND	110.	8 UVIIII	1	100)	'	1	1 '	1,147
TOTAL REQUEST	/ ROUN	DED)				'	1	1 '	1,150
INSTALLED EQUI			R APPROPRIAT	TONS		'	1	1 '	(45)
				101.5				'	
10.Description of Prop	osed Cons	truction	Construct	t a mc	dified	sta	ndard-desi	qn Crimi	nal
Investigations			Command (CIDO	C) fie	eld ope	rati	ons buildin	ng. Work	:
includes admin	nistra	tive	space, polygr	raph s	suite w	ith	acoustic is	solation	and
environmental	contro	ol, r	repository for	r drug	gs and	peri	shable evic	dence, p	
isolation scre	eening	room	n area for sus	spects	s, pers	onne	l observat:	ion and	_
interview area	as, pho	oto i	identification	n, fin	ngerpri	nt r	coom, and su	upply ar	
Install an int	trusio	n det	tection system	m (IDS	5). Sup	port	ing facili	ties inc	lude
utilities; ele									
systems; pavin									
drainage; info									
handicapped wi									
conditioning:									
the footprint.							-		
l————									
11. REQUIREME			080 SF ADEQUA			NE	SUBSTANDA		5,310 SF
			odified standa		sign C	IDC	specialized	d field	
operations bui	ılding	. (Cu	rrent Mission	n)					
1									
1									
1									

PAGE NO. 14

1.COMPONENT		2.DATE
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA
ARMY		APRIL 1993
3.INSTALLATION AN	D LOCATION	
Fort Rucker, A	Alabama	
4.PROJECT TITLE		5.PROJECT NUMBER
		*****
Operations Fac	rility	10528
. פרעווד מישבייתיי	This project is required to provide oper	estional facilities for
	er Field Office US Army Criminal Investiga	
	vill be occupied by 12 CID personnel and f	
	Drug Suppression Team. This organization	
	se areas to properly conduct its investiga	
	ies, on or off the installation, which ca	
requirements.	,	an olderer and mission
CURRENT SITUAT	ION: The Fort Rucker Field Office, USAC	IDC, currently occupies
	World War II temporary barracks. This bui	
	configured for criminal investigative ac	
segregation of	victims from suspects and the confidenti	ality of witnesses is a
severe problem	. The evidence room does not meet regulat	ory standards. The
	figuration and noise in the building, due	
conditioning s	ystem, severely degrade efficient and pro	per operations. The
	t suitable for special functions such as	
IMPACT IF NOT		
	perations will continue to be denied the	
	its mission. Witnesses will continue to	
	oductivity will not improve. Morale will	
	This project has been coordinated with th	
	and all required physical security and/o es are included. This project complies wi	
	DD 4270.1-M, Construction Criteria, that w	
	mented by the Army's Architectural and En	
	Criteria, dated 9 December 1991, with the	
	risions included in the Design Criteria In	
	nomic analysis has been prepared and util	
project.	The state of the s	
12. SUPPLEMEN	TAL DATA:	
A. Estim	ated Design Data:	
(1)	Status:	
	(a) Design Start Date	JAN 1991
	(b) Percent Complete As Of 01 January 93	
	(c) Percent Complete As Of 01 October 93	
	(d) Design Complete Date	AUG 1993
(2)	Basis:	
	(a) Standard or Definitive Design - (YES	5/NO) N
	(b) Where Design Was Most Recently Used	
/25	Motal Degian Cost (s) - (a)+(b) CD (d)	16000
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ (a) Production of Plans and Specification	
	(a) Froduction of Flans and Specification	

1.COMPONENT					2.DATE	
ARMY			ARY CONSTRUCTION PROJE	ECT DATA	APRI	L 1993
3. INSTALLATION A	ND LOCA	ATION				
Fort Rucker, 4.PROJECT TITLE	Alaba	.ma		5.PROJECT		
4.PROJECT TITLE				5.PROJECT I	TOMBER	
Operations Fa	cilit	y			105	28
12. SUPPLEME	NTAL	DATA: (Continue	ed)			
		Design Data: (				
	(b)	All Other Desi	gn Costs			35
	(c)	Total Design C	Cost			92
	(d)	Contract				69
	(e)	In-house				23
(4)	Cons	truction Start.				
					month &	year
			th this project which w	will be p	rovided fr	OW
other appro	priat	lons:		n:	-1 V	
			B		al Year	0
Equipment			Procuring		opriated	Cost
Nomenclat	ure		Appropriation	Or Re	equested	(\$000)
IDC Emiles		•	OPA	199		7
IDS Equipme			OPA	199	-	38
Info Sys -	150		OPA	199	•	36
ł				TO'	TAL	45
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2 DATE

1.COMPONENT								2.DATE			
	FY 1	994	MILITARY	CONST	RUCTIO	N PR	OJECT DATA				
ARMY								A	PRIL 1993		
3. INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE				
Fort Rucker											
Alabama					Whole	Bar	racks Renev	val			
5.PROGRAM ELEMENT		6.CAT	EGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)		
							Auth	20,	20,000		
85796A			721		36037		Approp	20,	000		
9.COST ESTIMATES											
			ITEM			U/M	QUANTITY	UNIT	COST (\$000)		
PRIMARY FACILI	PRIMARY FACILITY								16,642		
Barracks Rer	newal				SF	213,780	66.68	(14,257)			
Renew Bn Hq	Bldgs					SF	12,260	51.73	(634)		
Renew Compan	y Ope	ratio	ons			SF	24,460	49.88	(1,220)		
EMCS Connect	ion					LS			(50)		
Building Inf	ormat	ion S	Systems			LS			(481)		
SUPPORTING FAC	ILITI	ES							810		
Electric Ser	vice					LS			(266)		
Water, Sewer	, Gas					LS			(38)		
Paving, Walk	s, Cu	rbs <i>l</i>	And Gutters			LS			(76)		
Site Imp(	364)	Demo(	( )			LS			(364)		
Information	System	ms				LS			(66)		
ESTIMATED CONT	RACT	COST							17,452		
CONTINGENCY PE	ERCENT	(10	).0%)						1,745		
SUBTOTAL									19,197		
SUPERVISION, 1	NSPEC	TION	& OVERHEAD	(6.0	0%)				1,152		
TOTAL REQUEST									20,349		
TOTAL REQUEST	(ROUN	DED)							20,000		
INSTALLED EQUI	PMENT	-OTH	ER APPROPRIAT	IONS					(53)		
							l		L		

Modernize five barracks, two administration supply buildings, and two battalion headquarters buildings. Work includes living/sleeping room with private bath, walk-in closets, storage and dayroom. Company operations facilities will be located in separate buildings. Work includes upgrading interior finishes, electrical, sprinkler protection system and mechanical systems. Connect to existing energy monitoring and control system (EMCS). Supporting facilities include recreation courts, information systems, and site improvements. Air conditioning: 590 tons.

11. REQUIREMENT: 2,518 PN ADEQUATE: 1,740 PN SUBSTANDARD: 1,091 PN PROJECT: Modernize five barracks, two administration supply buildings, and two battalion headquarters buildings to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to improve living quarters in five permanent party enlisted barracks which were constructed in 1958. This project will provide for an intended utilization of 613 enlisted personnel and a maximum utilization of 690 enlisted personnel. This is the first of three barracks modernization projects and will modernize five barracks to provide a better environment for enlisted soldiers. Correction of substandard conditions

1.COMPONENT	-	1994	WITT TOO	DV 00	MICON.	11001	ON DDO:	TROM		2. DA	LE	
ARMY	-	19 <u>99</u>	MILITA	MI CU	JNSTR	UCTIC	ON PRO	JECT	DATA		APRI	L 1993
3.INSTALLATION AN	ND LOCATI	ION								•		
Fort Rucker, A	Alabama	1										
4.PROJECT TITLE								5.F	ROJECT	NUMBER	t	
Whole Barracks	s Renew	val								_	360	)37
DECUT DENGERM	/ COM	ntaniena.										
REQUIREMENT: will contribut			l+h wal	fare	and	mor	ala of	+ h o	corvi	GO TO	mbore	
CURRENT SITUAT			ive barr									
883 enlisted												
1975. All syst												
throughout the												
heating system	ms are	inadequ	uate, in	effic	cient	and	antiqu	uate	d. The	over	call	
maintenance ne	eeds of	these	buildin	ıgs ar	re ex	cess	ive. C	urre	nt bui	lding	, layo	outs
do not meet cu				•					-			
IMPACT IF NOT			If this									
continue to li									-	-		
fail, and cost												
the Army's Ins directly affec												
the Army.	cc che	3014161	.s mora	ile, i	readi	ng c	0 1033	01	quair	y sur	POL	10
ADDITIONAL:	This	project	has bee	n coc	ordin	ated	with '	the	instal	latio	on phy	vsical
security plan,												
(CBT/T) measur												
criteria of DO												-
January 1987,												
Instructions												
1992 and all s												ation
System (DCIS)			analysi	s has	s bee	n pr	epared	and	utili	zed i	in	
evaluating thi	is proj	ject.										
12. SUPPLEMEN	איייאד. המ	та:										
		Design D	Data:									
(1)	Status											
	(a) I	esign S	Start Da	ıte							APR	1992
			Complet									35
			Complet									100
}	(d) I	esign C	Complete	Date	е						OCT	1993
(2)	Basis:											
			d or Def esign Wa						O) N			
	(D)	mere be	ssign wa	is mos	st ve	cent.	TA OPE	u				
(3)	Total	Design	Cost (c	2) = (	(a)+(	b) 0	R (d)+	(e):		,	(\$(	000)
` `		_	ion of P								• • •	792
			er Desig									198
			esign Co									990
			t									
	(e) I	[n-house	е		• • • • •		• • • • • •	• • • •		• • • •		990

1.COMPONENT			2.DATE	
	FY 19 <u>94</u>	MILITARY CONSTRUCTION PRO		
ARMY	T. Josephan		APR:	IL 1993
3. INSTALLATION AN	ND LOCATION			
Fort Rucker, i	Alahama			
4.PROJECT TITLE	upumu		5.PROJECT NUMBER	
Whole Barrack:	s Renewal		36	037
	NTAL DATA: (Co	ontinued) Pata: (Continued)		
A. ESCII	mated Design D	ata: (Continued)		
(4)	Construction	Start		1994
` '			month &	
				-
		ed with this project which	will be provided for	rom
other approp	priations:		-:	
Equipment		Procuring	Fiscal Year	
Nomenclati	ire	Appropriation	Appropriated Or Requested	
Nomenciac	<u></u>	Appropriacion	or kequested	(\$000)
Info Sys - :	ISC	OPA	1994	53
_				
			TOTAL	53
				1
				- 1
				1
				- 1
DD PORK 1201	000	VIOUS EDITIONS MAY BE USED INTERN	37 T V	

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT	<del></del>	AUT	ORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
			_			
Arizona	ı	Fort Huachuca (TRADOC)				23
	1814	Battalion Headquarters		4,800	4,800	25
	38773	General Purpose Administrative Facility		4,050	4,050	28
		Subtotal For Fort Huachuca PART I	\$	8,850	8,850	
		* TOTAL MCA FOR Arizona	\$	8,850	8,850	

. COMPONENT	T P	r 1994 MILI	TARY O	ONSTRUCTIO	ON PROGE	RAM		2. E	
ARMY								,	PRIL 1993
INSTALLATION AND LA	OCATION	4. COM	MAND					5. 1	REA CONSTRUCTION
									XOST INDEX
Fort Huachuca Arizona	1	US Army T	rainin	g and Doc	trine Co	ommand			
Arizona	1								1.12
6. PERSONNEL STREN	GTH: PERMANE	<b>₹</b> T	STU	DENTS		SUP	PORTED		
	OFFICER ENLIS					PICER E	NLIST (	CIVIL	TOTAL
A. AS OF 30 SEP 19			589	652	7	28	111	2688	10,909
B. END FY 1999	682 4357	7 3213	500	1706	7	58	175	3921	14,619
		7. 1	NVENTO	RY DATA (	(000				-
A. TOTAL ACREAG	E 6	37,222 AC							
	TAL AS OF 30 SEE								
	N NOT YET IN INVE							0	
	N REQUESTED IN TH							8,850	
	N INCLUDED IN THE							19,900	
	EXT FOUR YEARS ()							0	
	FICIENCY							48,490	
H. GRAND TOTAL.							1,	207,131	
8. PROJECTS REQUEST		4 PROGRAM:							
CATEGORY PROJECT						000	ST		N STATUS
CODE NUMBER		ECT TITLE				(\$0			COMPLETE
	4 Battalion Head						4,800		09/1993
610 3877:	3 General Purpos	se Administ	rative	Facility		•	4,050	04/199	11/1993
				TOTAL	<b>.</b>		8,850		
9. FUTURE PROJECTS: CATEGORY	:					-	-		
CATEGORI	ppo	ECT TITLE				00:			
	THE FY 1995 PROX					(\$0	00)		
171	General Instr		dina				8,500		
721	Whole Barracks		ung				1,400		
7.22	TOTAL DATABOUT	, inchessed				•	1,100		
				TOTAL	և	19	9,900		
B. PLANNED NEXT	T FOUR PROGRAM YE	EARS (NEW M	ISSION	ONLY): 1	NONE				
51 124425 1451	. 100% 1100401. 11		1001011	0.0017.					
10. MISSION OR MAJO									
	ssion of Fort Huz		-	-					
administrative, le						port to			
tenant organization	-				-				
Information Systems			_			-			
element (Informatio		-							
Army Major Class II		-		-		-			
TRADOC Activity (A)	tmy Intelligence	Center and	Schoo!	l), severa	ıl Depai	rtment	01		

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 23

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		APRIL 1993
		•
INSTALLATION	Arizona Arizona	
I I I I I I I I I I I I I I I I I I I	ALIANA	
l		
		•
10 MICCION OR TO TO	OR FUNCTIONS: (CONTINUED)	
	to include the Joint Test Element of the Joint Tactical	
	d Communications Agency, area AMC and FORSCOM Activities,	
and abhtoximatera s	0 other tenant elements.	
11 0/1000001000000000000000000000000000	LITTICAL AND CARRY DESTCUENCES.	
11. OUISTANDING POL	LUTION AND SAFETY DEFICIENCIES:	
		(\$000)
A. AIR POLLUTIO		0
B. WATER POLLUT		0
C. OCCUPATIONAL	SAFETY AND HEALTH	0
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1.COMPONENT								2. DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		PRIL 1993
3. INSTALLATION AND	LOCAT	TON			4.PROJE	CT TI	TT P	A	PKIL 1993
Fort Huachuca	DOCAL	1014			4.FROUE		100		
Fort Huachuca Arizona					Dana.	14	11		
5.PROGRAM ELEMENT	-	6.CATEGO	BY CODE	7 pp07	ECT NUME		Headquarte	COST (\$00	10.
3.PROGRAM ADEMAN		O.CAIDGO	KI CODE	/ . F KOS	ECT NOME	EK	Auth	- • •	800
33196A		١,	41		1814		Approp		800
33190A	141 1814 Approp							4,	800
								UNIT	COST
		ITE	М			U/M	QUANTITY	COST	(\$000)
PRIMARY FACILIT	Y					П			3,771
Battalion Hea	_ idqua	rters B		SF	35,310	101.27	(3,576)		
Building Information Systems									(195)
SUPPORTING FACT		<u>ES</u>							552
Electric Serv						rs			(148)
Water, Sewer,						LS			(42)
Paving, Walks		rbs & G	utters			LS			(288)
Storm Drainag	•					LS			(12)
Site Imp(			)			LS			(18)
Information S	yste	ms				LS			(44)
ESTIMATED CONTE	የልሮሞ	COST							4,323
CONTINGENCY PER			9. \						216
SUBTOTAL	1	(3.00	-,						4,539
SUPERVISION, INSPECTION & OVERHEAD (6.00%)									272
TOTAL REQUEST				,	,				4,811
TOTAL REQUEST	ROUN	DED)							4,800
INSTALLED EQUIP		•	APPROPRIAT	IONS					(188)
									(

10.Description of Proposed Construction Construct a battalion headquarters building.
Project includes administrative space, classrooms for organizational training, vault, technical library, and latrines. Applied instruction area will include administration space, electronic installation training, storage, loading dock, and latrines. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; access roads and parking; storm drainage; information systems; and site improvements. Heating will be provided by self-contained systems. Access for the handicapped will be provided. Evaporative cooling: 160,000 CFM. Project will include furniture related comprehensive interior design.

11. REQUIREMENT: 35,310 SF ADEQUATE: NONE SUBSTANDARD: 44,065 SF PROJECT: Construct a battalion headquarters building. (Current Mission) REQUIREMENT: This project is required to provide a facility for the 1199th Signal Battalion to support a battalion headquarters and to teach unique communication equipment installation courses. The classrooms will be utilized for group learning, individual problem testing, team testing, Training and Doctrine Command (TRADOC) approved technical training, mandatory and special military training. The 1199th Signal Battalion is assigned to Fort Huachuca

1.COMPONENT				2.DATE
ARMY	FY 19 <u>94</u>	MILITARY CONSTRUCTION PROJE	ECT DATA	10077 1003
3. INSTALLATION AN	D LOCATION			APRIL 1993
1				
Fort Huachuca,	, Arizona			
4.PROJECT TITLE			5.PROJECT N	UMBER
i				
Battalion Head	dquarters		!	1814
		=-	-	
REQUIREMENT:	(CONTINUED)			
		e US Army's worldwide commun:		
		s at Fort Huachuca that can l		
requirement. T	this project v	will provide permanent consol	lidated fa	cilities for
		assrooms and support function		
CURRENT SITUAT		resent facilities occupied by		
		ization World War II-era hosp		
		ior to being used as a batta		
		apid deterioration causes in		
		n standards of repair. Safety		
		fire is high. Some buildings		
		r a quarter of a mile from the		
		located two miles from the		
temporary les	les and other	support services. The build	lings are	heated using a
destroyed by	Tuly 1007 f	ystem installed when the original original original in the build.	Jinai syst	em was
		systems are marginal and off		
		d, all buildings will be demo		luace to handle
IMPACT IF NOT		If this project is not provide		199th Signal
		use substandard World War II	building	s which are
marginal in sa	fety. The thi	reat of fire will remain high	with los	s of life a
		eadiness of the 1199th Signal		
mission to ins	stall, rehabil	litate, and modify major comm	unication	s-electronic
equipment and	systems will	be impaired. Excessive opera	ation and	maintenance
costs will con	ntinue to be i	incurred. Facility retention	will not	be in
consonance wit	:h Headquarte:	rs, Department of the Army di	irected po	olicy to
provide qualit	y facilities	for soldiers and to meet Wor	old War II	facility
reduction targ				
ADDITIONAL:	This project	has been coordinated with the	ne install	ation physical
		ired physical security and/o		
(CBT/T) measur	es are includ	ded. This project complies wi	ith the so	ope and design
1997 as imple	<i>D</i> 42/0.1-M, (	Construction Criteria, that w	vere in ei	fect 1 January
		Army's Architectural and Er		
subsequent rev	risions includ	ed 9 December 1991, with the ded in the Design Criteria In	e a nara	1992 and all
(DCTS). Altern	ative methods	of meeting this requirement	. have bee	n system
during project	: development	. This project is the only fe	asible or	tion to meet
the requiremen	it.	. Into project is the only re	edsible of	ocion co meec
12. SUPPLEMEN	TAL DATA:			
A. Estin	nated Design I	Data:		
(1)	Status:			
		Start Date		FEB 1992
	(b) Percent	Complete As Of 01 January 93	BDGT YR	35

1.COMPONENT	1		-	2.DATE	
1.00		FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	. Dail	
ARMY		11 1921 Indiana Conditional India	CI DAII.	APRI	L 1993
3. INSTALLATION A	ND LOC	ATION			
Fort Huachuca 4.PROJECT TITLE	, Ar	LZONA			
4.PROJECT TITLE			5.PROJECT !	NUMBER	
Battalion Hea	dana	rtore		101	
Battallon Rea	iuquai	ters		183	.4
12. SUPPLEME	NTAL	DATA: (Continued)			
		Design Data: (Continued)			
	(c)	Percent Complete As Of 01 October 93	PROG Y	3)	100
	(d)	Design Complete Date		SEP	1993
(2)	Basi				
	(a) (b)	, -	5/NO) Y		
	(D)	where besign was most Recently used			
(3)	mot.	al Decign Cost (s) - (s) (h) On (d) (c)			
(3)	(a)	<pre>il Design Cost (c) = (a)+(b) OR (d)+(e   Production of Plans and Specification</pre>			000) 285
	(b)				145
	(c)				430
	(d)				430
	(e)	In-house			430
	` '				
(4)	Cons	truction Start			
				month &	year
		associated with this project which w	ill be p	covided fr	om
other appro	priat	ions:			
B		B		al Year	<b>.</b> .
Equipment Nomenclat		Procuring		priated	Cost
Nomenciat	ure	Appropriation	Or Ke	equested	(\$000)
Info Sys -	ISC	OPA	1994	1	176
Info Sys -	PROP	OPA	1994	1	12
			TOT	TAL	188

1.COMPONENT							2.DATE	
	FY 199	94 MILITARY	CONST	RUCTIO	N PRO	DJECT DATA		
ARMY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE						AP	RIL 1993	
Fort Huachuca						ırpose Admi	nistrati	ve
Arizona Facility								
.PROGRAM ELEMENT 6.CATEGORY CODE 7.PROJECT NUMBER 8.PROJECT (				• •	•			
	Auth			Auth	4,0			
85796A		610		38773		Approp	4,050	
		9.0	COST EST	IMATES				
		ITEM			U/M	QUANTITY	COST	COST (\$000)
PRIMARY FACIL	ITY							3,402
Administrati	ive Buil	lding			SF	32,562	94.00	(3,061)
IDS Installation				LS			(15	
Building Int	formation	on Systems			LS			(326
SUPPORTING FAC	CILITIES	3	<del> </del>					240
		s And Gutters			Ls			(99)
Site Imp(					LS			(141)
								•
ESTIMATED CON				<del></del>				3,642
CONTINGENCY PI	ERCENT	(5.00%)					].	182
SUBTOTAL						J		3,824
	INSPECT	ON & OVERHEAD	(6.0	0%)		J	].	229
TOTAL REQUEST						J		4,053
TOTAL REQUEST	(ROUND)	ED)			1 1		l l	4,050
		THER APPROPRIAT						(774)

10. Description of Proposed Coostruction Construct a general purpose administrative building. Project includes mechanical, electrical fire protection and information systems. Install an intrusion detection system (IDS). Supporting facilities include paving, walks, curbs and gutters; parking; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (100 tons) will be provided by a central gas-fired heating and electric-powered cooling plant. Comprehensive interior design services for building, freestanding building related information systems equipment (OPA furnished), and system furniture work stations will be required.

<u>REQUIREMENT:</u> This project is required to support the Directorate of Training and Doctrine (DOTD) and specialized activities of the Intelligence Center and Fort Huachuca (IC&FH). This facility will consolidate instructional and administrative support functions, sensitive compartmented information facility (SCIF) work area, and doctrine development and distribution.

<sup>11.</sup> REQUIREMENT: 291,939 SF ADEQUATE: 219,939 SF SUBSTANDARD: 267,454 SF PROJECT: Construct a general purpose administrative building. (Current Mission)

1. COMPONENT			2.DATE
FY 199	MILITARY CONSTRUCTI	ON PROJECT DATA	
ARMY			APRIL 1993
3. INSTALLATION AND LOCATION			
Fort Huachuca, Arizona			
4.PROJECT TITLE		5. PROJECT N	NUMBER
General Purpose Administ	rative Facility		38773

CURRENT SITUATION: The DOTD occupies a variety of temporary buildings at Fort Huachuca. The World War II wooden facilities are unsuitable for modification or long term retention. The buildings lack adequate power, are of unsuitable configuration and cannot support state-of-the-art office, special purpose and specifically automated data processing equipment. Unreliable building heating and cooling systems hamper and disrupt instruction operations and endanger expensive equipment which can be damaged by high humidity. School required secure areas cannot be upgraded nor meet the stringent requirements for physical and electronic security or secure compartmented requirements. Maintenance and operation costs, particularly heating and cooling are proportionally high due to current facility conditions. Physical separation of the many facilities greatly impedes efficient use of all resources. Consolidation of activities will improve the efficiency of the organization as well as morale of personnel working under current conditions. IMPACT IF NOT PROVIDED: If this project is not provided, DOTD will continue to be housed in substandard facilities unsuitable for supporting current and future training, equipment, and missions at Fort Huachuca. The opportunity to logically address personnel and operational consolidations will be lost. Current facility conditions will continue to deteriorate requiring additional operational expense and significantly interfere with providing responsive support to the Intelligence Center and School.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Heating and cooling and distribution lines will be provided by a Central Heating and Cooling Plant to be constructed under Base Realignment and Closure-1 (BRAC-1) FY 93 Project 38247. Roadway and sidewalk improvements to Cibecue Street are included in BRAC-91 (FY 94) Road System Upgrade Project 38130. FY 93 BRAC 91 Project 38772 will complete the total building.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Design Start Date	APR 1992
(b)	Percent Complete As Of 01 January 93 (BDGT YR)	35
(C)	Percent Complete As Of 01 October 93 (PROG YR)	90

1.COMPONENT			2.DATE
	FY 1994 MILITARY CONSTRUCTION		
ARMY			APRIL 1993
3.INSTALLATION	AND LOCATION		
· ·			
Fort Huachuc	a, Arizona		
4.PROJECT TITLE		5.PROJECT N	UMBER
General Purp	ose Administrative Facility		38773
12. SUPPLEM	ENTAL DATA: (Continued)		
A. Est	imated Design Data: (Continued)		
(2)	Basis:		
	(a) Standard or Definitive Design -	(YES/NO) N	
1	(b) Where Design Was Most Recently	Used	
	· · · · · · · · · · · · · · · · · · ·		
(3)	Total Design Cost $(c) = (a)+(b)$ OR $($	d)+(e):	(\$000)
	(a) Production of Plans and Specifi	cations	
l	(b) All Other Design Costs		
	(c) Total Design Cost		
	-		

B. Equipment associated with this project which will be provided from other appropriations:

Contract.....

In-house....

(4) Construction Start..... <u>FEB 1994</u>

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
IDS Equipment	OPA	1994	350
EMCS DEVICES	OPA	1994	17
Info Sys - ISC	OPA	1994	247
Info Sys - PROP	OPA	1994	160
		ጥርሞል፣	774

PAGE NO. 30

(d)

(e)

1. COMPONENT

554

month & year

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

	ROJECT MBER	INSTALLATION (CCMMAND) PROJECT TITLE	AUT!	HORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California 3	1981	Port Irvin (FORSCOM) Whole Barracks Reneval		5,900	5,900	33 35
		Subtotal For Port Irwin PART I	\$	5,900	5,900	
		* TOTAL MCA POR California	\$	5,900	5,900	

INSTALLATION AND LOCATION	1.30
CALIFORNIA  6. PERSONNEL STRENGTH: PERMANENT STUDENTS SUPPORTED  OPPICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL  A. AS OF 30 SEP 1992 648 3684 688 0 0 0 9 12 1295 6;  B. END FY 1999 661 4168 872 0 0 0 13 25 1862 7,4  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	336
OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL A. AS OF 30 SEP 1992 648 3684 688 0 0 0 9 12 1295 6, 8. END FY 1999 661 4168 872 0 0 0 13 25 1862 7,4  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	
A. AS OF 30 SEP 1992 648 3684 688 0 0 0 9 12 1295 6, B. END FY 1999 661 4168 872 0 0 0 13 25 1862 7,4  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	
8. END FY 1999 661 4168 872 0 0 0 13 25 1862 7,4  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	
A. TOTAL ACREAGE. 636,182 AC  B. INVENTORY TOTAL AS OF 30 SEP 1992. 940,189 C. AUTHORIZATION NOT YET IN INVENTORY. 0 D. AUTHORIZATION REQUESTED IN THE FY 1994 PROGRAM. 5,900 E. AUTHORIZATION INCLIDED IN THE FY 1995 PROGRAM. 15,000 P. PLANNED IN NEXT FOUR YEARS (NEW HISSION ONLY). 0 G. REMAINING DEFICIENCY. 81,286 H. GRAND TOTAL. 1,042,375  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE (\$000) START OUNG 721 31981 Whole Bartacks Renewal 5,900  9. FUTURE PROJECTS: CATEGORY CODE PROJECT TITLE (\$000) A. INCLUDED IN THE FY 1995 PROGRAM: 214 CONSOLIDATED (\$000) 15,000	
H. GRAND TOTAL	
CATEGORY PROJECT	
CODE   NUMBER   PROJECT TITLE   (\$000)   START COME	
721 31981 Whole Barracks Renewal 5,900 07/1992 11,  TOTAL 5,900  9. FUTURE PROJECTS:  CATEGORY COSE PROJECT TITLE (\$000)  A. INCLUDED IN THE FY 1995 PROGRAM:  214 Consolidated Maintenance Facility 15,000	
9. FUTURE PROJECTS: CATEGORY COST CODE PROJECT TITLE (\$000) A. INCLUDED IN THE FY 1995 PROGRAM: 214 Consolidated Maintenance Facility 15,000	
9. FUTURE PROJECTS:  CATEGORY COST  CODE PROJECT TITLE (\$000)  A. INCLUDED IN THE FY 1995 PROGRAM:  214 Consolidated Maintenance Facility 15,000	/1993
CATEGORY COST  CODE PROJECT TITLE (\$000)  A. INCLUDED IN THE FY 1995 PROGRAM:  214 Consolidated Maintenance Facility 15,000	
CODE PROJECT TITLE (\$000) A. INCLUDED IN THE FY 1995 PROGRAM: 214 Consolidated Maintenance Facility 15,000	
A. INCLUDED IN THE FY 1995 PROGRAM:  214 Consolidated Maintenance Facility 15,000	
214 Consolidated Maintenance Facility 15,000	
TOTAL 15,000	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	
10. MISSION OR MAJOR FUNCTIONS:  The National Training Center (NTC) is an advanced collective training facility located at Port Irvin, CA. Its mission is to provide advanced collective training opportunities to the task-organized elements of PORSCOM close-combat heavy brigades within the context of the overall PORSCOM training strategy and in accordance with AirLand Battle doctrine.	

DD 1 FORM 1390

1. COMPONENT	FY 1994 MILITARY CONSTR	UCTION PROGRAM	2. DATE
ARMY		1	APRIL 1993
INSTALLATION	AND LOCATION: Fort Irwin	California	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
		(\$000)	
A. AIR POLLUTIO			
B. WATER POLLUT		· ·	
C. OCCUPATIONAL	SAFETY AND HEALTH	•	)

ARMY 3.INSTALLATION AND Fort Irwin California	LOCAT		CONST			DJECT DATA	API	RIL 1993
3.INSTALLATION AND Fort Irwin	LOCAT	ION		A DROTE			I AP	
Fort Irwin	LOCAT	ION					-1	KIL 1993
California								
						cacks Renew		
5.PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	BCT NUME	ER		COST (\$000	-
						Auth	5,9	
22696A		721		31981		Approp	5,9	00
		9.0	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILIT	ry							4,384
Enlisted Barr	acks				SF	39,960	107.21	(4,285)
Building Information Systems				LS			(99)	
					1 1		1	
					1		l l	
					l			
SUPPORTING FAC:	ILITI	E <u>S</u>						942
Electric Serv	vice				LS			(192)
Water, Sewer	, Gas				LS			(158)
Steam And/Or	Chil	led Water Distr			LS			(14)
Paving, Walk	s, Cu	rbs And Gutters			LS			(232)
Storm Draina	ge				LS			(71)
Site Imp( 268) Demo( )				LS			(268)	
Information	Syste	ms			LS			(7)
ESTIMATED CONT	RACT	COST				~		5,326
CONTINGENCY PE	RCENT	(5.00%)			1		- 1	266
SUBTOTAL							1	5,592
SUPERVISION, I	NSPEC	TION & OVERHEAD	(6.0	(\$00				336
TOTAL REQUEST					1		∣ <b>i</b>	5,928
TOTAL REQUEST	(ROUN	DED)					1	5,900
INSTALLED EQUI	PMENT	-OTHER APPROPRIAT	CIONS				i I	(0)
					L			

10.Description of Proposed Construction Construct an enlisted barracks. Work includes living/sleeping rooms with private bath and walk-in closets, laundry room, day room, mailroom, storage, and physical equipment exercise space. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; picnic and recreational areas; information systems, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (100 tons) will be provided by a self-contained unit.

1,508 PN SUBSTANDARD: REQUIREMENT: 2,036 PN ADEQUATE: PROJECT: Construct an enlisted barracks to meet the Whole Barracks Renewal Program Standard. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide adequate housing for 100 E1-E4, and 24 E5-E6, (intended utilization) with a maximum utilization of 148 personnel. The restationing of additional troops at Fort Irwin for the brigade operations function of the National Training Center, fewer married enlisted soldiers, and lack of adequate permanent barracks on-post for single soldiers, makes this barracks project necessary.

1.COMPONENT			2.DATE
	FY 1994	MILITARY CONSTRUCTION PROJECT DATA	i
ARMY			APRIL 1993
3. INSTALLATION AND	LOCATION		
Fort Irwin, Cal:	ifornia		
4.PROJECT TITLE		5.PROJECT	NUMBER
Whole Barracks I	Renewal		31981

<u>CURRENT SITUATION: No adequate housing exists for single enlisted personnel</u> incoming for brigade operations. Temporary existing barracks buildings will be utilized until this project is completed. The existing facilities cannot be upgraded to minimum standards due to their age, size, and design. IMPACT IF NOT PROVIDED: If this project is not provided, the single enlisted soldiers of the Fort Irwin Combat Training Center will continue to be housed in temporary facilities. Lack of operations and supply space adjacent to the barracks will fragment these functions throughout the area. Continued occupancy of temporary facilities will adversely impact the Rotational Troop Brigade Operation training mission of the National Training Center. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Design Start Date	JUL 1992
(b)	Percent Complete As Of 01 January 93 (BDGT YR)	35

- (c) Percent Complete As Of 01 October 93 (PROG YR).. 95
- (2) Basis:
  - (a) Standard or Definitive Design (YES/NO) N
  - (b) Where Design Was Most Recently Used

(b) Al	oduction of Plans and Specifications	
		189
(c) To		
	al Design Cost	525
(d) Co:	tract	
	-house	

month & year

1.COMPONENT				2.DATE		
1.COMPONENT	FY 1994	MILITARY CONSTRUCTION P	OTECH DAMA	2.DATE		
ARMY	F1 19 <u>74</u>	MILITARI CONSTRUCTION PI	KOJECT DATA	APRIL	1002	
COM NOITALLATION AND	LOCATION			T VEKTT	1333	
ort Irwin, Cal	ifornia					
.PROJECT TITLE			5.PROJECT N	IUMBER		
Whole Barracks	Renewal		L_	3198	1	
12. SUPPLEMENT	AL DATA: (	CONTINUED)				
B. Equipm other appropr	ent associa	ted with this project which	ch will be bi	covided fro	m	
other appropr	lations:		Fice	l Year		
Equipment		Procuring			Cost	
Nomenclatur	e	Appropriation			(\$000)	
	_	<u> </u>	<u> </u>	quebeca	140007	
		None				

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUT	HORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Colorado	2220	Fort Carson (FORSCOM) Range Control Facility		4,050	4,050	41 43
		Subtotal For Port Carson PART I	ş	4,050	4,050	
		* TOTAL MCA FOR Colorado	ş	4,050	4,050	

	FY 1994	MILITARY CONSTRUCTION	PROGRAM	2. DATE APRIL 1993
. INSTALLATION AND LO	CAPTON 4.	COMMAND		5. AREA CONSTRUCTION COST INDEX
Fort Carson Colorado	US Ar	my Forces Command		1.03
6. PERSONNEL STRENG		STUDENTS OPPICER ENLIST CIVIL	SUPPORTED	TVII. TOTAL
A. AS OF 30 SEP 1993			0 17 0	739 19,838
B. END PY 1999	2034 16548 222		0 59 120	1230 22,342
		7. INVENTORY DATA (\$00 AC	1,6	48,635 0
		1994 PROGRAM		4,050
		95 PROCRAM		95,900
		SSION ONLY)		0
		•••••		66,799
H. GRAND TOTAL			1,8	115,384
8. PROJECTS REQUEST	ED IN THE PY 1994 PROG	RAM:		
CATEGORY PROJECT			COST	DESIGN STATUS
CODE NUMBER	PROJECT TI	THE P	(\$000)	START COMPLETE
	Range Control Facili		4,050	02/1991 09/1993
1/1 2220	Range Control Facility	.cy	4,030	02/1991 09/1993
		TOTAL	4,050	
9. FUTURE PROJECTS:				
CATEGORY			COST	
CODE	PROJECT TI	ע זיירו	(\$000)	
	THE PY 1995 PROGRAM:	.112	(4000)	
721	Whole Barracks Renew	m)	21,600	
214		equipment Shop Addition	•	
211	Aviation Maintenance			
411		: Hangar	15,500	
943	Utilities Upgrade		2,700	
842				
842 721	Whole Barracks Renew	val.	51,000	
	Whole Barracks Renew	val.	51,000	

1.	COMPONENT	FY 1994 MILITARY CON	Immunitrat process	- nimi
	ARMY	FI 1999 FILLIANI CON	ISTRUCTION PROGRAM	2. DATE
	Aut.			APRIL 1993
	TAIOTRI I RITIOR	TARREST TOTAL CONTRACT		
	INSTALLATION	N AND LOCATION: Port Carson	Colorado	
_				<del></del>
		OR FUNCTIONS: (CONTINUED)		
1	western states.			
			_	
	11 OUTSTANDING DOL	LUTION AND SAFETY DEFICIENCIES:		
	II. OISINDING LOL	DUTION AND SAFETY DEFICIENCIES:	(\$000	) i
	A. AIR POLLUTIO	N		0
	B. WATER POLLUT		13,20	
		SAFETY AND HEALTH		0
				•

1.COMPONENT	T						2.DATE		
	FY 19	994 MILITAR	Y CONST	RUCTIO	N PR	DJECT DATA			
Army  3. INSTALLATION AND LOCATION  4. PROJECT TITLE					A	APRIL 1993			
J. INSTRUMENTON AND BOCKETON					CT TI	LPR			
Fort Carson									
0020000						rol Facility [8.PROJECT COST (\$000)			
5.PROGRAM ELEMEN	Tr.	6.CATEGORY CODE	7.PRO	ECT NUMB	ER		• •	•	
						Auth	4,050		
22696A		171		2220		Approp	4,050		
		9	.COST ES	TIMATES					
		ITEM			U/M	QUANTITY	COST	(\$000)	
PRIMARY FACII	LITY							3,077	
Range Opera		Building			SF	24,900	90.26	(2,247)	
Unusual For					SF	24,900	4.45	(111)	
Target/Lumb					SF	3,600	37.44	(135)	
Range Equip					LS	[		(10)	
		door Storage			SY	7,000	47.30	(331)	
		uation page						(243)	
SUPPORTING FA								575	
Electric Se	ervice	_			LS			(55	
Water, Sewe		as			LS			(125	
		rbs & Gutters			LS			(126	
Storm Drain					LS			(65	
Site Imp(		Demo( )			LS			(142	
Information Systems					LS			(62	
ESTIMATED CO	ATTO A CO	COSM			-			3,652	
								183	
CONTINGENCY	PERCENT	(3.00%)						3,835	
SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (6.00%)				0.09.\				230	
TOTAL REQUES		110N & OVERNEAD	(0.	000,				4,065	
TOTAL REQUES		DEDA						4,050	
		OTHER APPROPRIA	ATIONS					(26	
10 Description of Br	roposed Cons	struction Constant		1		e control	facility	<u> </u>	

10.Description of Proposed Construction Construct a central range control facility. Primary facilities include all construction within the perimeter of the range complex and consist of range operations building, supply activities, electrical shop, welding shop, carpenter shop, maintenance shop, storage and space for the range telephone operator, wash pad, parking, outside buildings for lumber and bulk storage of targets, antenna tower, and fenced outside storage area. A building and tower must be built on a down-range mountain to support the communications tower at the complex. Special foundation work is required. Supporting facilities include facilities outside the range complex perimeter and consist of utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; roads; storm drainage; security fencing; information systems; and site improvements. Heating will be provided by a self-contained gas-fired boiler. Access for the handicapped will be provided in the control facility only. Mechanical ventilation: 50,000 CFM.

11. REQUIREMENT: 24,900 SF ADEQUATE: NONE SUBSTANDARD: 7,292 SF PROJECT: Construct a range control complex. (Current Mission)

Item  U/M QTY COST (\$0000  PRIMARY FACILITY (CONTINUED)  Antenna Tower  Retransmission Site  LS (1  Information Systems  LS (1  Total 2  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood buildings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible training. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.	1.COMPONENT					2.DATE	
PROTECT CATSON, COLORADO  A.PROJECT TITLE  Range Control Facility  2220  9. COST ESTIMATES (CONTINUED)  Liem  U/M QTY COST (\$000  Antenna Tower  Retransmission Site  LS (1  Retransmission Site  Information Systems  LS (1  Total 2  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, darines and Reserve Officers' Training Corps (ROTC) units annually. The upgrade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood wouldings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded the Fort Carson.  LIMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible craining. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.  LIDDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism criteria of DDD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (DDITIONAL: This project dated and the Design Criteria Information System (DDIS). Alternative methods of meeting this requirement have been explored that the projec		FY 19 <u>94</u>	MILITARY CONS	TRUCTION PROJ	ECT DATA		
PROTE CATSON, COLORADO  A.PROJECT TITLE  PRANGE CONTROL FACILITY  PRIMARY FACILITY (CONTINUED)  Antenna Tower  Retransmission Site  LS (1 Total  LS (1 Total  REQUIREMENT:  This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The appraide in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  UNRENT SITUATION:  UNIT COST  Total  REQUIREMENT:  This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  UNITED TRAINING TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN		TOGRATION				AF	RIL 1993
ARANGE CONTROLES  S. PROJECT NUMBER  2220  9. COST ESTIMATES (CONTINUED)  Item  U/M QTY COST (\$000  PRIMARY FACILITY (CONTINUED)  Antenna Tower  LS (1  Retransmission Site  LS (1  Total  2  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, darines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood buildings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible craining. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radjo communications will nontinue to impede training operations and pose a safety threat when certain arrats of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical recurity plan, and all required physical security and/or combatting terrorism (CBR/T) measures are included. This project complies with the scope and design priteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January (1987, as implemented by the Army's Architectural and Engineering Instructions (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only	3.INSTALLATION AND	LOCATION					
9. COST ESTIMATES (CONTINUED)  Item  U/M QTY COST (\$000  PRIMARY FACILITY (CONTINUED)  Antenna Tower  Retransmission Site  Information Systems  LS (1  Information Systems  LS (1  Information Systems  IS (1  Information Systems  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  PURRENT SITUATION: The present facility consists of six World War II wood buildings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible containing Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain aborats of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism contributed in the Posign Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions parter of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Crite		olorado			16	· · · · · · · · · · · · · · · · · · ·	
9. COST ESTIMATES (CONTINUED)  Item  U/M QTY COST (\$000  REMINARY FACILITY (CONTINUED)  Antenna Tower  Retransmission Site  LS (1  Total  ZEQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, darines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood wouldings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current facility must be provided for the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible exceptionates of the training areas cannot be reached by radio.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible exceptionate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain exarts of the training areas cannot be reached by radio.  INDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism continue to impede training operations and pose a safety threat when certain executive plan, and all required physical security and/or combatting terrorism continue to impede training areas cannot be reached by radio.  INDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism	4.PROOBET TITLE				5. PROJECT	NUMBER	
Item U/M QTY COST (\$000 PRIMARY FACILITY (CONTINUED)  Antenna Tower LS (1 Retransmission Site LS (1 Total Z Total	Range Control E	acility			L	2	220
Item    U/M   QTY   COST   (\$0000	9. COST ESTIN	ATES (CONTI	NUED)				
Antenna Tower Retransmission Site LS (1 Information Systems Information Information Systems Information Information Systems Information Information Information Information Information Info	Item			II/M	OTV		Cost
Antenna Tower  Retransmission Site  Information Systems  LS				97.1.	XXX	<u>C031</u>	(3000)
Retransmission Site  Information Systems  LS (1  Information Systems  LS (1  Total 2  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, darines and Reserve Officers' Training Corps (ROTC) units annually. The approach in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood outlidings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  CMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible training. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design priteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during p			D)				
Information Systems  LS ( Total 2  REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  **ZURRENT SITUATION:** The present facility consists of six World War II wood buildings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  **IMPACT IF NOT PROVIDED:** If this project is not provided, units will not receive the quality of support necessary to provide the best possible training. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCTS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasib							(87
REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, darines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood outlidings that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current nission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  IMPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible craining. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CEDT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet							(114
REQUIREMENT: This project is required to support the training of personnel assigned to Fort Carson, and approximately 5,000 Reserve, National Guard, Marines and Reserve Officers' Training Corps (ROTC) units annually. The apprade in communications is required because mountainous areas down-range from Fort Carson cannot be reached by radio.  CURRENT SITUATION: The present facility consists of six World War II wood possible that are well past their useful life. The facility provides no space for equipment maintenance, target construction, painting, and many other daily functions. Office space and toilet facilities are inadequate for the current mission. Most of the range equipment and target devices must be stored out in the weather, as well as all of the lumber used to construct targetry. A facility must be provided for the high-tech range equipment now being fielded at Fort Carson.  MAPACT IF NOT PROVIDED: If this project is not provided, units will not receive the quality of support necessary to provide the best possible craining. Equipment and supplies that should be stored inside, will continue to deteriorate due to weather damage. Inadequate radio communications will continue to impede training operations and pose a safety threat when certain parts of the training areas cannot be reached by radio.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design priteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet	information S	ystems		LS			(42
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	mission. Most of the weather, as facility must hat Fort Carson.  IMPACT IF NOT Freceive the quatraining. Equip to deteriorate continue to imperate of the transparts of DOI 1987, as implementable of	of the range well as all exprovided exercises.  Covided:  Covided:	equipment and to a first this project port necessary to pplies that show her damage. Inact go operations and so cannot be read has been coordiuired physical aded. This projec Construction Crie Army's Architeted 9 December 1 ded in the Design of meeting this project of meeting this project.	is not provide the constant of	s must be truct tar pment now ded, unit e best po inside, communic ty threat. he instal por combat ith the swere in engineerine 8 July informatic thave be	e stored getry. A property of the second state of the second seco	out in a sielded dot dot dot dot dot dot dot dot dot do

1.COMPONENT	PY 19 <u>94</u> M	ILITARY CONSTRUCTION P		2.DATE	
Army				APRI	L 1993
3.INSTALLATION AN					
Fort Carson, (	colorado		5. PROJECT NU	MDPD	
4.PROJECT TITLE			3.PROJECT NO	лавк	
Range Control	Facility			222	0
12. SUPPLEME	TAL DATA:				
	ated Design Dat	a :			
(1)	Status:				
` ′	(a) Design Sta	rt Date		FEB	1991
		mplete As Of 01 Januar	y 93 (BDGT YR	)	35
		mplete As Of 01 Octobe			100
	(d) Design Com	plete Date		SEP	1993
(2)	Basis:				
		r Definitive Design -			
	(b) Where Desi	gn Was Most Recently (	Jsed		
(3)		st (c) = (a)+(b) OR (d		• •	00)
	(a) Production	of Plans and Specific	cations		202
	(b) All Other	Design Costs		• • • • • • • • • • • • • • • • • • • •	122
	(c) Total Desi	gn Cost			324
1	• •				243
	(e) In-house				81
(4)	Construction St	art			
				month &	year
B. Equi other appro		with this project whi	ich will be pr	ovided fr	om
			Fisca	l Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclat	ire	Appropriation		quested	(\$000)
Info Sys -	ISC	OPA	1994		26
			TOT	AL	26
1					
1					
l					
1					

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUI	HORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Georgia	22546 35301 35308	Fort Benning (TRADOC) Multipurpose Machine Gun Range Whole Barracks Renewal Barracks Modernization		1,650 17,500 18,500	1,650 17,500 18,500	49 51 54 57
		Subtotal For Fort Benning PART I	\$	37,650	37,650	
	39137 39141 39143 39153	Port Stewart (FORSCCM)  Cargo Handling Facility  Expand Ammunition Storage Area  Railroad Track Improvement  Hardstand		4,500 3,600 2,000 8,700	4,500 3,600 2,000 8,700	61 63 66 69 72
		Subtotal For Fort Stewart PART I	\$	18,800	18,800	
		* TOTAL MCA FOR Georgia	\$	56,450	56,450	

ARMY			FY 1994 M	D IAMILL	LOUI	-on FRANK			2. D	PRIL 1993
INSTALLATIO	OUT CHAR NO	ATION	4. 0	COMMAND					5. A	REA CONSTRUCTION
. AND ADDRESS OF										XOST INDEX
Fort Benni	ng		US Army	y Training	and Do	ctrine Co	mand		1	
Georgia									Ц_	0.79
6. PERSONN	EL STRENGT	H: PE	RMANENT	STUI	DENTS		sui	PPORTED		
			ENLIST CIVIL	OPFICER I	enlist c	IVIL OF	ICER I			TOTAL
A. AS OF 3	0 SEP 1992	1501	11431 4137	2264	8920	15	56	121	3204	31,649
B. END FY	1999	1216	9941 4115	2013	8653	22	56	121	3204	29,341
		-	7	. INVENTO	RY DATA	(\$000)				
A. TOTA	L ACREAGE.		169,268 A	С						
			30 SEP 1992							
			N INVENTORY						0	
			IN THE FY 19						37,650	
			IN THE FY 199						30,950	
			ARS (NEW MISS						0	
									52,350	
H. GRAN	D TOTAL						• • • • • •	2,	.078,551	
8. PROJECT	S REQUESTE	D IN THE	FY 1994 PROGR	AM:						
	Y PROJECT						c	OST	DESIG	GN STATUS
CODE	NUMBER		PROJECT TIT	LE			(\$	(000)	STAR	T COMPLETE
179		Multipur	rpose Machine					1,650	01/199	92 09/1993
721		_	arracks Renewa					17,500	07/19	92 01/1994
721			s Modernizatio					18,500	07/19	92 09/1993
					TO	ral.		37,650		
9. FUTURE	PROJECTS:									
CATEGOR	Y						c	COST		
CODE			PROJECT TIT	LE			(\$	(000		
A. INC	LUDED IN T	THE FY 199	95 PROGRAM:							
860		Railroad	d Track Loadin	g Facilit	у			5,500		
179		Upgrade	Carmouche Tan	k Range				1,900		
721		Whole Ba	arracks Renewa	d.				19,200		
442		Mobiliza	ation Deployme	nt Storeh	ouse			4,350		
					TO	TAL		30,950		
		norm nee	That Weather	KI MICCION	A TAO	AY ARP				
	INNED NEXT	FOUR PROC	GRAM YEARS (NE	W MISSION	ONT.Y ) .	NONE:				

## 10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.

10. HISSION OR MAJOR FUNCTIONS: (CONTINUED)  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:  A. AIR POLLUTION B. WATER POLLUTION C. COCCUPATIONAL SAFETY AND HEALTH  O  2. DATE APRIL 1993  Ceorgia  10. HISSION OR MAJOR FUNCTIONS: (CONTINUED)  (\$000) A. AIR POLLUTION C. CCCUPATIONAL SAFETY AND HEALTH  O	1. COMPONENT	EV 1004 MILITARY CONCERNIO	Tour programme	
10. MISSION OR MAJOR FUNCTIONS: (CONTINUED)  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:  (\$000)  A. AIR POLLUTION  B. WATER POLLUTION  0		71 1999 PILITARI CONSTRUC		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:  (\$000)  A. AIR POLLUTION  B. WATER POLLUTION  0	INSTALLATION	AND LOCATION: Fort Benning	Georgia	
A. AIR POLLUTION (\$000)  B. WATER POLLUTION 0	10, mission or majo	FUNCTIONS: (CONTINUED)		
A. AIR POLLUTION 0 B. WATER POLLUTION 0	11. OUTSTANDING POL	JTION AND SAFETY DEFICIENCIES:	(6000)	
B. WATER POLLUTION 0	A. AIR POLLUTIO			
-				

1.COMPONENT					2.DATE	
ARMY	19 <u>94</u> MILITAR	Y CONSTRU	CTION PRO	OJECT DATA		PRIL 1993
3. INSTALLATION AND LO	CATION	4.	PROJECT TI	rle		KIL 1995
Fort Benning						
Georgia		l <sub>M</sub>	ultipurp	se Machin	e Gun Rai	nge
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT			COST (\$00	
				Auth		650
85796A	179	1 2	2546	Approp		650
		.COST ESTIM			-/-	
					UNIT	COST
	ITEM		U/M	QUANTITY	COST	(\$000)
PRIMARY FACILITY	· · · · · · · · · · · · · · · · · · ·				1	1,116
	Transition Range		LS			(1,115)
Information Sys			LS		1 1	(1)
<u>.</u>						(-/
SUPPORTING FACILI	TIES Curbs And Gutters		LS			358 (11)
Storm Drainage	carsoa daccers		LS			(17)
•	) Demo( )		LS			(324)
Information Sys			LS			(6)
ESTIMATED CONTRAC						1,474
CONTINGENCY PERCE	NT (5.00%)				1	74
SUBTOTAL						1,548
SUPERVISION, INSP	ECTION & OVERHEAD	(6,00%	)			93
TOTAL REQUEST						1,641
TOTAL REQUEST (RC	UNDED)		-			1,650
INSTALLED EQUIPME	NT-OTHER APPROPRIA	TIONS			1 1	(277)
•					1	
10.Description of Proposed	Construction Construction Construction			ign multi-		-
	s include all cons					
	st of primary power					
	inge power and data					16),
	emplacements, inf					
	access roads, inf		-	-		
	o energy monitorin					
	r conditioning (2					
	rol tower. Support	-				side the
-	range complex and		_			
	and gates, informa	-		-		•
	costs are due to t		-			
	e existing range. T	argetry w	ill be fo	unded by C	ther	
Procurement, Army	(OPA).					
11. REQUIREMENT:	1 EA ADEC	MATE.	NONE	SUBSTAND	APD.	1 EA
TT. REQUIREMENT:	T EW WDEC	OUIT:	MONE	POPLAND	WYD:	T LA

PROJECT: Construct a standard-design multi-purpose SAW and MG Transition

Range. (Current Mission)

1.COMPONENT						2.DATE
	FY 19 <u>94</u>	MILITARY	Y CONSTRUC	TION PROJE	CT DATA	
ARMY						APRIL 1993
3.INSTALLATION AND	D LOCATION					
	0					
Fort Benning,	Georgia				5.PROJECT N	UTW B O D
PROJECT TITLE					3.PROJECT P	NUMBER
	taabiaa Cua	Dange				22546
Multipurpose M	achine Gun	Kange				22546
REQUIREMENT:	This proje	at 1a mami	irad ta nu	ovido lati	TTO A TOWN	Pagamia and
National Guard						
						the Army. It
						units of the US
Army Infantry		cundulus D	y arr cena	ne accivit	.res una t	anics of the op
CURRENT SITUAT		e are no st	tandard fa	cilities a	vailable	at Fort
Benning capabl						
						fantry Training
Center (USAITC						
Range is a nin						
installed port						
facilities are				_	-	
IMPACT IF NOT						e will be a
significant ad	verse impac	t on SAW to	raining. T	he units w	rill not h	be able to
attain the deg	ree of prof	iciency red	quired for	combat, a	ind excess	sive training
time will be r	equired.					
ADDITIONAL:	This project	t has been	coordinat	ed with th	e install	lation physical
						ting terrorism
						cope and design
						ffect 1 January
						g Instructions
(AEI), Design						
subsequent rev			_			_
(DCIS). Altern						
during project		t. This pro	oject is t	ne only re	easible of	ption to meet
the requiremen	it.					
12. SUPPLEMEN	TAL DATA:					
	nated Design	Data				
	Status:	Ducu.				
(-/		Start Date	e			JAN 1992
	(b) Percen					
	(c) Percen					
		_				SEP 1993
	(-,					
(2)	Basis:					
ν-/		rd or Defi	nitive Des	ign - (YES	S/NO1 Y	
		Design Was				
		eld Barraci		•		
(3)	Total Desig	n Cost (c)	= (a)+(b)	OR (d)+(e	e):	(\$000)
	(a) Produc	tion of Pla	ans and Sp	ecification	ons	82
	(b) All Ot	her Design	Costs			50
	(c) Total	Design Cos	t			132

1.COMPONENT	77 1004 ·			2.DATE	
ARMY	FY 19 <u>94</u> MIL	ITARY CONSTRUCTION PRO	JECT DATA	300	rr 1002
3. INSTALLATION AN	D LOCATION			I APR.	IL 1993
					2
Fort Benning,	Georgia				
4.PROJECT TITLE			5. PROJECT 1	UMBER	
Multipurpose I	Machine Gun Range			225	546
12. SUPPLEMEN	NTAL DATA: (Contin	ned)			
	mated Design Data:				
	(d) Contract				99
	(e) In-house				33
(4)	Construction Star	t			
				month &	year
B. Equir	oment associated w	ith this project which	will be no	ovided fo	
other approp	riations:	in this project which	will be bi	.ovided ii	.OIII
			Fisca	ıl Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclatu	ire	Appropriation	Or Re	quested	(\$000)
Mamaahuu (Ci-					
Targetry/Sim	nulators	OPA	1993		277
			TOT	דהי	277
			101	.AL	211
					1
					- 4
					1

1.COMPONENT							2.DATE		
	FY 1	FY 1994 MILITARY CONSTRUCTION PROJECT DATA							
ARMY							A	PRIL 1993	
3.INSTALLATION AN	D LOCAT	ION		4.PROJE	CT TI	TLE			
Fort Benning				l					
Georgia						racks Renev	wal		
5.PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUMI	MBER 8.PROJECT COST (\$000)				
						Auth	17,	500	
85796A						17,	17,500		
		9.	COST EST	IMATES					
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)	
PRIMARY FACILI	TY							12,443	
Modernize Ba		SF	74,964	61.00	(4,573)				
Barracks Addition						35,404	72.18	(2,556)	
Company Operations Facilities						31,380	73.43	(2,305)	
Dining Facility					SF	14,116	140.50	(1,983)	
Asbestos Removal					LS			(433)	
Total from Continuation page								(593)	
SUPPORTING FAC		ES						3,258	
Electric Ser					LS			(474)	
Water, Sewer					LS			(113)	
		led Water Distr			LS			(1,000)	
		rbs And Gutters			LS			(513)	
Storm Draina					LS			(138)	
Site Imp(					LS			(704)	
Information	Syste	ms			LS			(316)	
ESTIMATED CONT	RACT	COST	-					15,701	
CONTINGENCY PE	RCENT	(6.50%)						1,021	
SUBTOTAL								16,722	
· ·	NSPEC	TION & OVERHEAD	(6.0	0%)				1,003	
TOTAL REQUEST								17,725	
TOTAL REQUEST	-	•						17,500	
INSTALLED EQUI	PMENT	OTHER APPROPRIAT	IONS					(134)	

10.Description of Proposed Construction Modernize and expand two barracks. Work includes living/sleeping room with private bath, walk-in closets, dayroom, storage and laundry. Six Company Operations facilities will be constructed as separate facilities not located within the barracks. Construct a centralized dining facility (400-800 capacity). Work includes asbestos removal and information systems. Connect to existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarms systems; paving, walks, curbs and gutters; parking; steam and chilled water lines; storm drainage; dumpster enclosures, information systems; and site improvements. Access for the handicapped will be provided for the core building only. Heating will be provided by a self-contained system. Air conditioning (500 tons) will be provided by modifying the existing system. Demolish four existing buildings (90,430 SF) within the footprint.

11. REQUIREMENT: 5,718 PN ADEQUATE: 30 PN SUBSTANDARD: 6,887 PN PROJECT: Modernize and expand two barracks and construct six company operations facilities and one standard-design dining facility (400-800 capacity) to meet the Whole Barracks Renewal Program Standard. (Current

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO. 54

DD 1 PORM 1391

1.COMPONENT					2.DATE	
	FY 19 <u>94</u>	MILITARY CONST	RUCTION PROJ	ECT DAT	A	
ARMY	<u>L </u>				AP	RIL 1993
3.INSTALLATION AN	D LOCATION					
Fort Benning,	Ceorgia					
4.PROJECT TITLE	Georgia			5 PROJEC	T NUMBER	
				J.FROJEC	. HURBER	
Whole Barracks	Renewal				3	5301
9. COST EST	MATES (CONT	INUED)				
					Unit	Cost
<u>Item</u>			<u>U/M</u>	QTY	COST	(\$000)
PRIMARY FACIL		ED)				
IDS Installa			LS			(12)
EMCS Connect			LS			(336)
Rullding In	formation Sys	stems	LS			(245)
					Total	593
PROJECT: (CON	TINUED)					
Mission)						
REQUIREMENT:	This is the	first in a seri	es of 14 Who	lo Barr	acks Person	al
		ete Fort Benning				
renewal and mo	dernization	This project is	required to	provid.	e adequate	N.D
standard housi	ng for unacc	companied enliste	d personnel	station	ed at Fort	,
Benning, Inter	ded utilizat	ion of the barra	cks will be	340 per	sonnel /ma	vimum
utilization is	400 person	el). This projec	t will also	constru	ct separat	e
company operat	ions facilit	ies; construct o	ne standard-	design o	dining fac	ility
(400-800 perso	n); and cont	ribute to the he	alth, welfare	e, and i	morale of	the
service member	s residing i	n the barracks.				
CURRENT SITUAT		barracks buildin	gs, original	ly const	tructed in	1954,
provide minima	lly adequate	single personne	l housing for	r 486 er	nlisted	
personnel. Lat	rine and sho	wer facilities a	re central. 1	Rooms c	reated as	part of
a modernizatio	n project in	the 1970s provi	de only minir	num amei	nities. Ea	ch
building inclu	ides two each	company operation	ons functions	that :	share one	
designed area	(split between	en the basement	and first flo	or) and	d two buil	dings
contain dining	facilities.	These areas are	inadequate t	o accor	nmodate th	e two
companies now	housed in th	e buildings.	_			
IMPACT IF NOT		If this project	is not provid	ded, per	rmanent pa	rty
enlisted perso	nnel will co	ntinue to be hou	sed in margin	nally ac	dequate	_
facilities, re	sulting in 1	ower morale and :	retention rat	es. Se	arate din	ing
facilities, wh	ich should b	e consolidated,	will continue	to ope	erate.	
Improvements i	n keeping wi	th the Army's Con	mmunities of	Excelle	ence progr	am will

not be provided, which will directly affect the welfare of soldiers residing

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this

project.

in the facilities.

3. (BDGT YR) 3 (PROG YR) JAN S/NO) N  e): (\$ ons	35 90 1 1994 
S/NO) N  APR  JUI  3 (BDGT YR)  3 (PROG YR)  JAN  S/NO) N  e): (\$	301 . 1992 35 90 1 1994
3. (BDGT YR) 3 (PROG YR) JAN S/NO) N  e): (\$ ons	301 . 1992 35 90 1 1994
3 (BDGT YR) 3 (PROG YR) JAN  S/NO) N  e): (\$	, 1992 35 90 1 1994
3 (BDGT YR) 3 (PROG YR) JAN  S/NO) N  e): (\$	, 1992 35 90 1 1994
3 (BDGT YR) 3 (PROG YR) JAN  S/NO) N  e): (\$	, 1992 35 90 1 1994
JUI 3 (BDGT YR) 3 (PROG YR) JAN S/NO) N  e): (\$ ons	, 1992 35 90 1 1994
JUI 3 (BDGT YR) 3 (PROG YR) JAN S/NO) N  e): (\$ ons	, 1992 35 90 1 1994
JUI 3 (BDGT YR) 3 (PROG YR) JAN S/NO) N  e): (\$ ons	, 1992 35 90 1 1994
3 (BDGT YR) 3 (PROG YR)  JAN  S/NO) N  e): (\$ ons	35 90 1 1994 
3 (BDGT YR) 3 (PROG YR)  JAN  S/NO) N  e): (\$ ons	35 90 1 1994 
3 (BDGT YR) 3 (PROG YR)  JAN  S/NO) N  e): (\$ ons	35 90 1 1994 
3 (BDGT YR) 3 (PROG YR)  JAN  S/NO) N  e): (\$ ons	35 90 1 1994 
3 (BDGT YR) 3 (PROG YR)  JAN  S/NO) N  e): (\$ ons	35 90 1 1994 
3 (PROG YR)	90 7 1994 7 1994 7 1994 7 1994 7 1994 7 1994 7 1994 7 1994
S/NO) N e): (\$ ons	7 1994 5 000) 672 336
S/NO) N e): (\$ ons	672 336
e): (\$	672 336
e): (\$	672 336
e): (\$ ons	672 336
ons	672 336
ons	672 336
ons	672 336
	336
· · · · · · · · · · · · · · · · · · ·	
<u> </u>	1,008
· · · · · · · · · · · · ·	
	1,008
<u>MAR</u>	1994
month &	year
will be provided f	rom
	Cost
Or Requested	(\$000)
1994	12
1994	122
TOTAL	134
	will be provided f Fiscal Year Appropriated Or Requested

1.COMPONENT		.04	W77.7m.	CONC	DUGGEA		0.777.CT D	2.DATE	
ARMY	FY 19	774	MILITARY	CONST	KUCTIO	N PR	OJECT DATA		PRIL 1993
3.INSTALLATION AN	D LOCATI	ON			4.PROJE	CT TI	TLE	_ <del>.</del>	
Fort Benning									
Georgia					Barra	cks	Modernizat:	ion	
5. PROGRAM ELEMENT	, ,	6.CAT	EGORY CODE	7.PROJ	BCT NUMB			COST (\$00	00)
							Auth	18,	•
85796A	85796A 721		721		35308		Approp	18,	
				OST EST					
			ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	(TY								12,959
Modernize Ba		t				SF	74,964	61.00	
Barracks Addition						SF	35,404		
Company Operations						SF	36,450		
Asbestos Removal						LS			(458
IDS Installation						LS			(24
Total from (	Continu	atio	n page						(2,643
SUPPORTING FAC									3,383
Electric Ser	rvice					LS			(404
Water, Sewer	c, Gas					LS			(57
Steam And/Or						LS			(1,122
Paving, Walk		bs A	and Gutters			LS			(574
Storm Draina	_					LS			(138
Site Imp(		,	422)			LS			(796
Information	System	ıs				LS			(292
ESTIMATED CONT									16,342
CONTINGENCY PE	ERCENT	(6.	50%)						1,062
SUBTOTAL									17,404
SUPERVISION, I	INSPECT	NOI	& OVERHEAD	(6.0	0%)				1,044
TOTAL REQUEST									18,448
TOTAL REQUEST									18,500
INSTALLED EQUI	PMENT-	OTHE	R APPROPRIAT	IONS					(257

10.Description of Proposed Construction Modernize and expand two barracks. Work includes living/sleeping room, private bath, walk-in closets, dayroom, storage, laundry, information systems, patio, and asbestos removal. Construct eight (six small and two large) Company Operations facilities as separate facilities not located within the barracks. Connect to existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Temporary billeting, dining and company operations space for enlisted personnel during barracks modernization will be required. Install demountable partitioning (non-MCA funded) in the open sleeping bays and in the battalion classrooms and administrative areas of a vacant trainee barracks. Temporary billeting related work includes: electrical, information systems, and television service; reworking of heating, ventilation, and air conditioning (HVAC) systems and ductwork; expand existing supply and arms rooms into the covered training areas; parking; storm drainage; and site improvements. Supporting facilities include utilities; electric services; exterior lighting; fire protection and alarm systems; steam and water distribution lines; paving, walks, curbs and gutters; parking and access drives; signage; storm drainage; information systems; and site improvements. Demolish five buildings and portions of two other buildings (101,682 SF) within the footprint. Heating and air

1.COMPONENT			2.DATE	
FY 19 <u>94</u> MILITARY CO	ONSTRUCTION PROJ	ECT DATA	API	RIL 1993
3.INSTALLATION AND LOCATION				
Fort Benning, Georgia				
4.PROJECT TITLE		5.PROJECT	NUMBER	
Barracks Modernization			3:	5308
9. COST ESTIMATES (CONTINUED)				
<u>Item</u>	<u>U∕M</u>	QTY	Unit COST	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				
Temporary Billeting	SF	85,000	15.56	(1,323)
Temp. Company Operations	SF	42,500	8.40	(357)
EMCS Connections	LS			(305)
Building Information Systems	LS			(658)
			Total	2,643

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

conditioning (400 tons) will be provided by the existing central energy plant
system.

REQUIREMENT: 5,070 PN ADEQUATE: 884 PN SUBSTANDARD: 4,639 PN PROJECT: Modernize and expand two barracks, construct eight company operations facilities to meet the Whole Barracks Renewal Program Standard. Provide temporary billeting during modernization. (Current Mission) REQUIREMENT: This is the second in a series of 14 Whole Barracks Renewal Projects required to complete Fort Benning's long range plan for barracks renewal and modernization. This project is required to provide adequate, standard housing for unaccompanied enlisted personnel stationed at Fort Benning. Intended utilization of the barracks will be 340 personnel (maximum utilization is 400 personnel. This project will also construct separate company operations facilities; and contribute to the health, welfare, and morale of the service members residing in these barracks. Temporary billeting, dining and company operations space for enlisted personnel in a vacant trainee barracks is required by this project prior to barracks modernization. This swing space will expedite the barracks modernization/construction process and will be reused again and again in support of the remaining 12 barracks renewal projects in Fort Benning's long range plan; it is a one time expenditure. CURRENT SITUATION: These facilities, originally constructed in 1956, provide minimum adequacy standards for 521 personnel. Latrine and shower facilities are central. Rooms created as part of a modernization project in the 1970s provide only minimum amenities. Each building includes two each company operations functions that share one designed area (split between the basement and first floor) while two buildings contain dining facilities. These areas are inadequate to accommodate the two companies now housed in the buildings. Vacant, austere space for billeting, dining and company operations for two battalion sized units to relocate to during modernization and construction does not exist on Fort Benning. Reduced basic training loads have resulted in one basic trainee barracks becoming vacant. Temporary austere reconfiguration of the interior open bays of this structure would provide the needed space for billeting and company operations for the two battalion sized units.

1.COMPONENT						2.DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTI	ON PROJEC	T DATA	
ARMY 3. INSTALLATION AN	TOCATION					APRIL 1993
J. INSTRUMENTION AN	ID LOCKTION					
Fort Benning,	Georgia					
PROJECT TITLE				5	PROJECT NU	MBER
				1		
Barracks Mode	rnization					35308
(CBT/T) measu criteria of D 1987, as impl (AEI), Design subsequent re	onnel will collower morale mmunities of ct the welfa: This project, and all retres are included 4270.1-M, cemented by the Criteria, divisions included.	ontinue to and retent Excellence re of soldi t has been quired phys uded. This Constructi he Army's A ated 9 Dece uded in the	ion rates. program wiers residing coordinates ical securion Criteria criteria critectura mber 1991, Design Criteria Critectura mber 1991,	in margina Improveme ill not be ng in the d with the ity and/or nplies wit a, that we al and Eng with the iteria Inf	l facilitints in ke provided facilitic installations and the score in effineering 8 July 1 commation	ties, eeping with d which will es. ation physical ing terrorism ope and design fect 1 January Instructions 992 and all
	NTAL DATA:					
	mated Design	Data:				
(1)	(b) Percen (c) Percen	t Complete t Complete	As Of 01 Ja	anuary 93 ctober 93	(BDGT YR (PROG YR	
(2)	Basis:					
	, ,		itive Design Most Recent		NO) N	
(3)	(b) All Ot	tion of Pla her Design Design Cost	ns and Spe Costs	cification	s	<u>510</u> <u>1,360</u>

(e) In-house..... 

1,360

I.COMPONENT		-		2.DATE
	FY 1994	MILITARY CONSTRUCTION	PROJECT DATA	
ARMY				APRIL 1993
3. INSTALLATION AN	ND LOCATION			
Fort Benning,	Georgia			
4.PROJECT TITLE			5. PROJECT N	UMBER
			1	

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment <u>Nomenclature</u>	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
IDS Equipment	OPA	1994	12
Info Sys - ISC	OPA	1994	245
		TOTAL	257

PAGE NO. 60

PREVIOUS EDITIONS HAY BE USED INTERNALLY UNTIL EXHAUSTED

DD 1 PORM 1391C

3. INSTALLATION AND LOCATION 4. COMMAND Fort Stewart Georgia  6. PERSONNEL STRENGTH: PERMANENT STUDENTS SUPPORTED OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL A. AS OF 30 SEP 1992 1304 13197 2309 0 138 0 11 58 1921 18,938 B. END FY 1999 1336 13211 2628 0 110 0 14 58 1918 19,375  7. INVENTORY DATA (\$000) A. TOTAL ACREAGE	3
6. PERSONNEL STRENSTH: PERMANENT STUDENTS SUPPORTED  OPFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL  A. AS OF 30 SEP 1992 1304 13197 2309 0 138 0 11 58 1921 18,938 B. END FY 1999 1336 13311 2628 0 110 0 14 58 1918 19,375  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	
OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL  A. AS OF 30 SEP 1992 1304 13197 2309 0 138 0 11 58 1921 18,938 B. END FY 1999 1336 13311 2628 0 110 0 14 58 1918 19,375  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	0.81
A. AS OF 30 SEP 1992 1304 13197 2309 0 138 0 11 58 1921 18,938 B. END FY 1999 1336 13211 2628 0 110 0 14 58 1918 19,375  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	
A. TOTAL ACREAGE	
D. AUTHORIZATION REQUESTED IN THE FY 1994 PROGRAM. 18,800 E. AUTHORIZATION INCLUDED IN THE FY 1995 PROGRAM. 13,400 F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY). 0 G. REMAINING DEFICIENCY. 152,388 H. GRAND TOTAL. 1,666,879  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE (\$000) START COMPLET 422 39141 Expand Ammunition Storage Area 3,600 09/1992 12/199 156 39137 Cargo Handling Facility 4,500 10/1992 09/199 852 39153 Hardstand 8,700 09/1992 10/199 860 39143 Railroad Track Improvement 2,000 09/1992 10/199	
B. PROJECTS REQUESTED IN THE FY 1994 PROGRAM:    CATEGORY PROJECT   COST   DESIGN STATUS	
CATECORY PROJECT   COST   DESIGN STATUS	
422       39141       Expand Ammunition Storage Area       3,600       09/1992       12/199         156       39137       Cargo Handling Facility       4,500       10/1992       09/1992         852       39153       Hardstand       8,700       09/1992       10/199         860       39143       Railroad Track Improvement       2,000       09/1992       10/199         TOTAL       18,800	
156 39137 Cargo Handling Facility 4,500 10/1992 09/199 852 39153 Hardstand 8,700 09/1992 10/199 860 39143 Railroad Track Improvement 2,000 09/1992 10/199  TOTAL 18,800	re
852 39153 Hardstand 8,700 09/1992 10/199 860 39143 Railroad Track Improvement 2,000 09/1992 10/199  TOTAL 18,800	
860 39143 Railroad Track Improvement 2,000 09/1992 10/199  TOTAL 18,800	
TOTAL 18,800	
9. FUTURE PROJECTS:	,,
CATEGORY	
CODE PROJECT TITLE (\$000)	
A. INCLUDED IN THE FY 1995 PROGRAM:	
442 General Purpose Warehouse 13,400	
TOTAL 13,400	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE	
<ol> <li>MISSION OR MAJOR FUNCTIONS: Support and training of an Infantry Division (Mech) and non-divisional support units, and provide support for tenant and satellited activities and Reserve Components training.</li> </ol>	

1. COMPONENT ARMY	FY 1994 MILITARY CONSTRUC	2. DATE APRIL 1993	
INSTALLATION	AND LOCATION: Fort Stewart	Georgia	
			***************************************
11. OUTSTANDING POL	LUTION AND SAPETY DEPICIENCIES:		
1 110 DOLLIMIA		(\$000	0
A. AIR POLLUTIO B. WATER POLLUT			0
	SAFETY AND HEALTH		0
	•		

1.COMPONENT								2.DATE	
ARMY	FY 1	994	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	,,	RIL 1993
3. INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLR	AF	KIL 1993
Fort Stewart									
Georgia					Cargo	Han	dling Facil	itv .	
5.PROGRAM BLEMENT		6.CATE	ORY CODE	7.PROJ	ECT NUME			COST (\$000	))
							Auth	4,5	-
22696A			156		39137		Approp	4,5	
				OST BST					
		12	LEW			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	TY					-			2,99
Operations H		pq				SF	912	66.83	(6
Concrete Har		_				SY	35,188	40.40	(1,42
Exterior Lie	hting					LS			(38
Railroad Tra	ack					LS			(1,12
									<b>\</b>
SUPPORTING FAC	CILITI	ES							1,04
Electric Ser						LS			(1
Water, Sewer						LS			(5
Paving, Wal)		rbs An	d Gutters			LS			(
Storm Draina						LS			(25
Site Imp(	719) I	Demo(	)			LS			(71
ESTIMATED CONT	TRACT (	COST			·-···	$\vdash$	1		4,03
CONTINGENCY PR	ERCENT	(5.0	0%)						20
SUBTOTAL		•	·						4,23
SUPERVISION, 1	INSPECT	rion &	OVERHEAD	(6.0	0%)				25
TOTAL REQUEST							`		4,49
TOTAL REQUEST	(ROUNI	DED)						ļ	4,50
			APPROPRIAT			1 1			(1

10.Description of Proposed Construction Construct a container handling facility to include an operations building, an end ramp with side ramp attached, hardstand, and exterior lighting. Supporting facilities include utilities, electric service, fire protection and alarm systems, access road, fencing and gates, storm drainage, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (2.25 tons) will be provided by self-contained units.

11. REQUIREMENT: 35,188 SY ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct a container handling facility, an operations building and railroad track. (Current Mission)

REQUIREMENT: This project will streamline deployment/redeployment of contingency forces by trucks and rail to port of embarkation and will provide a modern efficient facility to handle, transload and store 20 and 40 foot containers used to support the 24th Infantry Division (Mechanized) on a round the clock, 24 hour/per day basis. Adequate permanent facilities are not available to support this rapid deployment mission. Also, this facility will be used for "routine" deployment, e.g. National Training Center (NTC) rotations, exercises and day-to-day Directorate of Logistics (DOL) supply

1.COMPONENT				2.DATE
	FY 1994	MILITARY CONSTRUCTION PROJEC	T DATA	
ARMY	** ±> <u>&gt;1</u>	CONDINUCTION PRODEC	'T DUTU	APRIL 1993
3.INSTALLATION AND	LOCATION			APRIL 1993
Fort Stewart,	Georgia			
4.PROJECT TITLE			PROJECT N	UMBER
Cargo Handling	Facility			39137
				·
REQUIREMENT:	(CONTINUED)			
business.				
CURRENT SITUAT	ION: This	project was included as a resu	alt of ex	perience with
the Desert Sto	rm Deploymen	t. Fort Stewart has no facilit	ies or o	rganic
equipment to h	andle and st	ore containers. Containers hav	ze become	the worldwide
		and are necessary for the eff		
		equipment and materiel. The p		
		ng other equipment not designe		
		e equipment from a equipment s		
		e miles from the staging site.		
		ises is contingent upon the ma		
		oyment status of the owning ur		
		handled in an unlighted and un		
		ns around the post. This resul		
	te and ineff	icient loading operation under	times o	f extreme
urgency.	nnournan .	TE 13.1 1		
IMPACT IF NOT		If this project is not provide tainer handling facilities or		
		tainer handling facilities of t might be gained by the use o		
	-	installation. Handling of cont		
		riate equipment in a slow and		
		uipment, containers are a burd		
efficient mean			ten rache.	t chan an
		has been coordinated with the	install.	ation physical
		ical security and/or combatting		
		s project complies with the so		
		"Construction Criteria," that		
January 1987,	as implement	ed by the Army's Architectural	and Eng	ineering
Instruction (A	EI), "Design	Criteria, " dated 9 December 1	1991, wit	h the 8 July
1992 and all s	ubsequent re	visions included in the Design	Criteri	a Information
System (DCIS).	Alternative	methods of meeting this requi	rement h	ave been
explored durin	g project de	velopment. This project is the	only fe	asible option
to meet the re	quirement.			
12. SUPPLEMEN				
	ated Design I	Data:		
, ,	Status:			
		Start Date		
		Complete As Of 01 January 93		
		Complete As Of 01 October 93		
	(d) Design (	Complete Date	• • • • • • • •	<u>SEP 1993</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N(b) Where Design Was Most Recently Used

1.COMPONENT					2.DATE	
ARMY	F	¥ 19 <u>94</u>	MILITARY CONSTRUCTION P	ROJECT DATA	ומסג	L 1993
3.INSTALLATION AN	D LOCA	TION			I VEVI	ш 1773
Fort Stewart,	Georg	jia				
4.PROJECT TITLE				5.PROJECT N	UMBER	
Cargo Handlin	a Faci	lity			391	127
Cargo nandrin	g raci	LILLY			391	.37
12. SUPPLEME	NTAL I	ATA: (Co	ntinued)			
A. Esti	mated	Design Da	ata: (Continued)			
(3)	Total	Design (	Cost (c) = (a)+(b) OR (d	1+/61:	/5/	000)
(3)	(a)		on of Plans and Specific			250
	(b)		r Design Costs			150
	(c)		sign Cost			400
	(d)		• • • • • • • • • • • • • • • • • • • •			300
	(e)	In-house		• • • • • • • • • • • • • • • • • • • •		100
(4)	Const	ruction	Start		TAN	1994
\ '-'	00110				month &	
						-
			ed with this project whi	ch will be p	rovided fi	com
other appro	priati	ions:		B:	-1 V	
Equipment			Procuring		al Year opriated	Cost
Nomenclat			Appropriation		equested	(\$000)
Info Sys - :	PROP		OPA	1994	4	19
				mor		
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[						
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i						
1						

1.COMPONENT	T						2.DATE	
ARMY	PY 1	9 <u>94</u> MILITAE	RY CONST	RUCTIO	N PR	OJECT DATA	A	PRIL 1993
3. INSTALLATION A	ND LOCAT	ION		4. PROJE	CT TI	TLE		
Fort Stewart								
Georgia				Expan	d Am	munition St	orage A	rea
5. PROGRAM ELEMEN	rr	6.CATEGORY CODE	7.PROJ	ECT NUMB	BER	8. PROJECT	COST (\$00	0)
						Auth	3,	600
22696A		422		39141		Approp	3,	600
		9	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	JITY							2,729
Igloo Stora	ige				SF	20,000	112.51	(2,250)
Modify Exis	t Iglo	os			LS			(46)
Loading Har	dstand				SY	8,365	16.12	(135)
Igloo Roads	5				SY	5,369	20.25	(109)
Connecting	Roads				SY	3,278	16.11	(53)
Total from	Continu	uation page						(136)
SUPPORTING FA	CILITI	ES						493
Electric Se	rvice				LS			(17)
Storm Drain					LS			(23)
Site Imp(	•	, ,			LS			(431)
Information	System	ms			LS			(22)
ESTIMATED CON	TRACT	COST						3,222
CONTINGENCY P	ERCENT	(5.00%)						161
SUBTOTAL								3,383
SUPERVISION,	INSPEC	TION & OVERHEAD	(6.0	( \$0				203
TOTAL REQUEST	r							3,586
TOTAL REQUEST	(ROUN	DED)						3,600
INSTALLED EQU	JI PMENT	OTHER APPROPRIA	ATIONS					(30)
10 Perceiption of Pro		tmation				Doing for		<u> </u>

10.Description of Proposed Construction Expand Ammunition Supply Point facilities by adding storage igloos, increase staging area, construct a connecting road, and widen and repave an emergency road. Install an intrusion detection system (IDS). Supporting facilities include electric service; security lighting; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements.

11. REQUIREMENT: 87,020 SF ADEQUATE: 64,800 SF SUBSTANDARD: NONE PROJECT: Expand Ammunition Supply Point (ASP) facilities. (Current Mission) REQUIREMENT: This project is required to provide sufficient facilities for storage of the installation's authorized basic load and training ammunition, to improve the capacity and efficiency to receive and rapidly outload ammunition, to improve complex accessibility and internal vehicle movement, and to provide a 24 hour outload capability for the heavy division of the Rapid Deployment Force.

CURRENT SITUATION: The Desert Storm Deployment demonstrated that Fort Stewart does not have adequate ammunition storage facilities for the basic load and training munitions of the 24th Infantry Division. Approximately 75 percent is stored at the installation's Ammunition Supply Point (ASP), 12

1.COMPONENT			2.DATE	
FY 1994 NILITARY CONSTRUCT	ION PROJ	ECT DATA		
ARMY 3.INSTALLATION AND LOCATION			API	RIL_1993
3. INSTRIBUTION AND DOCKTION				
Fort Stewart, Georgia				
4.PROJECT TITLE		5.PROJECT	NUMBER	
		1		
Expand Ammunition Storage Area		<u> </u>	3	9141
9. COST ESTIMATES (CONTINUED)				
J. Cool Dollaria (Continue)			Unit	Cost
Item	U/M	QTY	COST	(\$000)
PRIMARY FACILITY (CONTINUED)				
Access Roads	SY	1,809	18.13	(33)
Exterior Lighting	LS			(103)
			Total	136
CURRENT SITUATION: (CONTINUED)				
percent is stored 45 miles away from issue poi	nt at th	e Hunter	Army Air	field
ASP, and the majority of the remaining 13 percent				
Lexington-Bluegrass Army Depot which is 400 mi			Ltion, th	ere are
30 storage bunkers at the existing ASP which d	o not ha	ve adequa	ate hards	tand
area, lighting and road network. Insufficient	faciliti	es for a	munition	
storage on Fort Stewart means that the 24th In	_		cannot me	et its
48 hour deployment requirement for the "ready				
IMPACT IF NOT PROVIDED: If this project is r				
division's basic load ammunition will be hampe				
poor lighting, insufficient storage area for paved area to stage ammunition for loading. The				
unit ammunition processing which directly impa			-	
deploy rapidly and safely.	cco cac	411151011	5 upilit	,
ADDITIONAL: This project has been coordinate	d with t	he instal	llation p	hysical
security plan, and all required physical secur				
(CBT/T) measures are included. This project co				
criteria of DOD 4270.1-M, Construction Criteri	a, that	were in	effect 1	January
1987, as implemented by the Army's Architectur				
(AEI), Design Criteria, dated 9 December 1991,		_		
subsequent revisions included in the Design Cr				
(DCIS). Alternative methods of meeting this re	-		-	
during project development. This project is the requirement.	e only i	easible (	obrion to	meet
the requirement.				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Design Start Date				P 1992
(a) Design Start Date(b) Percent Complete As Of 01 J	anuary 9	3 (BDGT	YR)	35
(a) Design Start Date	anuary 9 october 9	3 (BDGT )	YR)	35 90
(a) Design Start Date(b) Percent Complete As Of 01 J	anuary 9 october 9	3 (BDGT )	YR)	35
(a) Design Start Date	anuary 9 october 9	3 (BDGT )	YR)	35 90
(a) Design Start Date	anuary 9 october 9	3 (BDGT )	YR)	35 90
(a) Design Start Date	January 9 October 9	3 (BDGT ) 3 (PROG )	YR)	35 90

1.co	MPONEN	Т					2.DATE		
	ARMY		1	FY 19 <u>94</u>	MILITARY CONSTRUCTIO	ON PROJECT DATA	APRI	L 1993	
3.IN	STALLA	TION AN	D LOCA	TION					
Fort	t Ste	wart,	Geor	qia					
	OJECT			<b>7</b>		5.PROJECT	NUMBER		
Ехра	and A	mmuni	tion	Storage Ar	ea		391	41	
12.	SUP A.			<u>DATA:</u> (Con Design Da	tinued) ta: (Continued)				
		(3)	Tota	l Design C	cost (c) = (a)+(b) OI	R (d)+(e):	(\$0	00)	
			(a)		n of Plans and Spec			215	
					Design Costs			149	
			(c)	Contract	ign Cost			364 273	
			(a) (e)					91	
			(0)		,				
		(4)	Cons	truction S	Start				
							month &	year	
	В.	Equi	pment	associate	d with this project	which will be p	rovided fi	om	
01	ther	appro			• •				
							al Year		
	-	pment			Procuring		propriated Cost		
	Nome	nclat	<u>are</u>		Appropriation	OF K	equested	(\$000)	
I	os Eq	uipme	nt		OPA	199	5	30	
						тc	TAL	30	
						10	1112		
l									
i									

1.COMPONENT						2.DATE	
	1994 MILITA	RY CONSTR	UCTION	PRO	JECT DATA		
ARMY 3.INSTALLATION AND LOC	MT ON		. PROJECT			AP	RIL 1993
	ATION	1	.PROJEC	r TITI	us.		
Fort Stewart			Da 4 1	- J m	b T		
Georgia 5.PROGRAM ELEMENT	6.CATEGORY CODE		Kaliro		rack Impro	COST (\$000	
J.PROGRAM BLEMENT	6.CATEGORT CODE	7.PROJEC	CT NUMBE	K	Auth	2,0	
22696A	860		39143		Approp	2,0	
22030A		9.COST ESTI				2,0	00
						UNIT	COST
	ITEM		ū	I/M	QUANTITY	COST	(\$000)
PRIMARY FACILITY							1,579
Railroad Pass Tr	ack		1:	LF	10,670	138.62	(1,479
RR Signalization			11	EA	2	50,000	(100
,							•
SUPPORTING FACILIT	IES			$\neg$		_	211
Storm Drainage			:	LS			(11
Site Imp( 200)	Demo()		- 1:	LS			(200
	,						,
			- 1	- 1			
				- 1			
			- 1	- 1			
				- 1			
			1	- 1			
ESTIMATED CONTRACT	COST			$\neg$			1,790
CONTINGENCY PERCEN						1	90
SUBTOTAL	(5.555)		- 1				1,880
SUPERVISION, INSPE	CTION & OVERHEAD	(6.00	81				113
TOTAL REQUEST	.011011 0 0121111111	(0.00	٠, ا				1,993
TOTAL REQUEST (ROL	INDED		ı	- }			2,000
INSTALLED EQUIPMEN	•	ATTONS		- 1			2,000
THOTHERD DOTTIME	T OTHER METROIRE	MIIOND					,,
10.Description of Proposed Co	estruction Constr	uct a two	-mile	rail	road pass	track na	rallel
to the Fort Stewar	0011002					-	
operations building							
ballast, switches,							-haco
material, crossove						-	Dase
electric service,							and
site improvements.		ig and ren	cing,	Pavi	ng, acces	s loads,	and
sice improvements.							
11. REQUIREMENT:	2 MI ADE	OHAME.	NON		SUBSTAND	ABD.	NONE
						ARD:	NONE
	t a railroad pas						
	s project will p						
expedite the make-							
deployment of the							
rail movements, in							
This two mile pass							
several rail movem	ments per day. Al	so, this	facili	ty w	ill be us	ed for "r	coutine"

deployment e.g. National Training Center (NTC) rotations, exercises, and

day-to-day Directorate of Logistics (DOL) Supply business.

1.COMPONENT						2.DAT	E	
ARMY	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJEC	T DATA	1	APRIL 1	1993
3. INSTALLATION AN	ND LOCATION					•		
Fort Stewart,	Georgia							
4.PROJECT TITLE				5	.PROJECT	NUMBER		
Railroad Trac	k Improvement						39143	

Operation Desert Storm clearly demonstrated that the lack

of this pass track resulted in congestion and hampered the rapid staging of rail cars. In-bound and out-bound rail movements normally consist of 30-plus car trains and occur approximately 20 times a year with half of these involving trains of more than 100 cars. The number of these exercises is expected to increase when the SL-7 transport ships are available full time in Savannah Harbor. Existing cantonment area spur and side tracks can accommodate made-up trains of only 25-30 cars, and then only by blocking loading areas and warehouse doors. Longer trains can be made up only by using several spurs and portions of the main lead simultaneously. The make-up operation requires much time, blocks loading ramps and warehouse doors, disrupts loading/unloading operations, and blocks several main road traffic arteries. As a result, many deployment related activities are disrupted slowed, or stopped during the make-up of trains. Once made up, the train must be severed in several locations (to unblock main roads) and stored on the main lead track while waiting movement to the main line. The stored train stops all in-bound and out-bound movements. Switch and road engines have no means to bypass the stored train. Rail movements are limited to one per day, at best. This project is compatible with the Army Strategic Mobilization Plan and will complement the FY 94 MCA Project Hardstand at Fort Stewart. IMPACT IF NOT PROVIDED: If this project is not provided, rail movements, loading/unloading operations and train make-up will continue to be chaotic, ineffecient, slow and less safe. Rail system configuration, rather than actual requirements, will continue to dictate movement schedules. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet

### SUPPLEMENTAL DATA:

the requirement.

PAGE NO 70

CURRENT SITUATION:

- Estimated Design Data:
  - (1) Status:
    - (a) Design Start Date.....\_\_\_SEP 1992
    - Percent Complete As Of 01 January 93 (BDGT YR).. \_\_\_ (b) 35
    - Percent Complete As Of 01 October 93 (PROG YR).. (C)
  - (2) Basis:
    - (a) Standard or Definitive Design (YES/NO) N

1.COMPONENT					2.DATE	
1		FY 1994 MILI	TARY CONSTRUCTION PROJE	CT DATA		
ARMY					APRI	L 1993
3. INSTALLAT	ION AND LOCA	ATION				
Fort Stew	art, Geor	rgia			•	
4.PROJECT T	ITLE			5.PROJECT I	NUMBER	
Railroad '	Track imp	rovement		<u> </u>	393	143
12. SUPP	T EMENITA T	DATA: (Continu	-41			
		DAIA: (CONCING Design Data:				
	(b)		Was Most Recently Used			
	(-,	made bedrya	nab hobe necesser, obea			
1						
	(3) Tota	al Design Cost	(c) = (a)+(b) OR (d)+(e)	∍):	(\$(	000)
1	(a)		Plans and Specification			75
l	(b)		ign Costs			125
İ	(c)		Cost			200
l	(d)	Contract				150
l	(e)	In-house		<b></b>		50
1						
	(4) Cons	truction Start				
ł					month &	year
l		44				
			th this project which w	vill be p	rovided fi	om
other a	ppropriat	lions:		n:		
Equip	mon+		Paramaia a		al Year	a
	clature		Procuring Appropriation		opriated	Cost
Nomen	CIACUIE		Appropriacion	QI K	equested	(\$000)
l			None			
ľ			`			
l						
1						
i						
1						
I						
I						

1.COMPONENT									2.DATE	
	FY 1	994	MILITARY	CONST	RUCTIO	N PR	OJE	CT DATA	1	
ARMY									A	PRIL 1993
3. INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE			
Fort Stewart					1					
Georgia					Hards	tand				
5. PROGRAM ELEMENT	,	6.CATE	GORY CODE	7. PROJ	ECT NUME	BER 8.PROJECT COST (\$000)				
							- 1	Auth	8,	700
22696A			852		39153			Approp	8,	700
			9.0	OST RST	IMATES					
		1	rem			U/M	QU	ANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY						_			5,823
Ready Build:						SF		3,016	76.65	
Concrete Hardstand						SY		150,000	25.78	
Loading Ram	os					LS				(195)
Fencing						LF		2,992	17.16	(51)
Exterior Lighting						LS	1			(1,478)
	, ,						1			
SUPPORTING FAC	CILITIE	ES					_			2,005
Electric Service						LS	1			(207)
Water, Sewer, Gas						LS	1			(30)
Steam And/O		led Wa	ter Distr			LS				(42
Paving, Wall						LS				(28
Storm Draina						LS				(513
Site Imp( 1,	,174) I	Demo(	)			LS	1			(1,174
Information			•			LS				(11
	•									, ,
ESTIMATED CONT	TRACT (	COST						·		7,828
CONTINGENCY PI	ERCENT	(5.0	0%)							391
SUBTOTAL										8,219
SUPERVISION,	INSPECT	ION 8	OVERHEAD	(6.0	0%)					493
TOTAL REQUEST										8,712
TOTAL REQUEST	(ROUNI	DED)								8,700
INSTALLED EQU	PMENT-	-OTHER	APPROPRIAT	IONS		1				(26)
10.Description of Prop			Construc							
building, load										
Supporting fac										
information sy provided.	stems,	, and	site improv	ements	. Acce	ss f	or	the han	dicapped	will be
•										
11. REOUIREM	ENT:	150.0	00 SY ADEOU	ATE.	NO	NE	S	UBSTAND	ARD: 3	83,000 SY

11. REQUIREMENT: 150,000 SY ADEQUATE: 383,000 SY NONE SUBSTANDARD:

PROJECT: Construct a staging area to accommodate a brigade (up to seven battalions) element at any time or in any weather for rail load operations. (Current Mission)

REQUIREMENT: This project will provide secure, well lighted, and drained areas to promote sucessful deployments of elements of the 24th Infantry Division, and other military units that assemble at Fort Stewart. Adequate permanent facilities are not available to support this mission. Also, this facility will be used for "routine" deployment, e.g. National Training Center (NTC) rotations, exercises, and day-to-day Directorate of Logistics (DOL) Supply business.

PAGE NO. 72

DD 1 PORM 1391

1.COMPONENT								2.DATE
	FY	19 <u>94</u>	MILITA	RY CON	STRUCTI	ON PROJE	ECT DATA	
ARMY	<u></u>							APRIL 1993
3. INSTALLATION AN	ID LOCATI	ON						
D	a:	_						
Fort Stewart, 4.PROJECT TITLE	Georgi	.a					E ppoynam	NAME OF THE PARTY
4.PROJECT TITLE							5.PROJECT	NUMBER
Hardstand							1	39153
harustanu							·	39133
CURRENT SITUAT	TTON.	Operat	ion Dec	ort St	orm ale	arly der	nonstrate	d the need for
a consolidated								
lighting to su								
There are no								
								on areas large
enough to meet								
and unlighted								
load up is a	two rai	l track	termin	us are	a with	loading	docks in	the west
sector of the	canton	ment ar	ea. The	se gro	unds we	re once	part of	an ammunition
storage point	and ar	e relat	ively c	lear.	The sta	ging of	units he	re is
problematic i	n incle	ment we	ather a	nd dar	k.			
IMPACT IF NOT								oyments during
							ring exer	cises and other
mobilizations						-		
ADDITIONAL:								lation physical
security plan								
measures are								
criteria of DO								
January 1987, Instruction (								
								ia Information
System (DCIS)								
								easible option
to meet the re			оторшен	· · · · · ·	5 proje	CC 15 C	ie only i	easible option
	- 1							
12. SUPPLEMEN	NTAL DA	ATA:						
A. Estin	mated D	esign D	ata:					
(1)	Status	<b>:</b>						
	(a) D	esign S	Start Dat	te				SEP 1992
							3 (BDGT Y	
							3 (PROG Y	
	(d) D	esign C	Complete	Date.	· · · · · · ·			OCT 1993
(2)	Basis:							
1			l or Def:				P\NO) N	
1	(b) W	mere De	sign Wa	s Most	kecent	TA need		
1								
(3)	Total	Design	Cost (c	\ = /=	1+(h) 0	B (4)+/		(\$000)
'3'							e): ons	
			_					
								275

. COMPONENT			13	2.DATE	
	FY 19 <u>94</u> MILI	TARY CONSTRUCTION PRO	DJECT DATA		
ARMY				APRI	L 1993
B.INSTALLATION AN	D LOCATION				
Channer:	Connella				
Port Stewart,	Georgia		5.PROJECT NU	MDCD	
I.PRODUCT TITLE			J.PRODECT NO.	nden	
Hardstand				391	53
12. SUPPLEMEN	WTAL DATA: (Continu	ed)			
A. Estim	mated Design Data:	(Continued)			
(4)	Construction Start	• • • • • • • • • • • • • • • • • • • •			
				month &	year
D		** ***			
<ul><li>B. Equipote other appropriate</li></ul>		th this project which	a will be pro	vided ir	ОШ
orner approp	/1 14 C10H5 ;		Fiscal	Year	
Equipment		Procuring		riated	Cost
Nomenclatu	ire	Appropriation		uested	(\$000)
Info Sys - F	PROP	OPA	1994		26
			TOTA	T	26
					- 1
					İ

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUT	THORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
						_
Hawaii		Schofield Barracks (USARPAC)				77
	14840	Operations Facility		2,600	2,600	79
	34642	Multi-Purpose Family Service Center		16,000	16,000	82
		Subtotal For Schofield Barracks PART I	ş	18,600	18,600	
		* TOTAL MCA FOR Hawaii	\$	18,600	18,600	

	CO (\$0	3	14,889 0 18,600 25,500 0 87,610 46,599 DESIGN	REA CONSTRUCTION OST INDEX  1.42  IOTAL 15,157 15,040  N STATUS COMPLETE 2 10/1993 1 10/1993
STUDENTS  CER ENLIST CIVIL  0 111  0 71  ENTORY DATA (\$00  CORAM	CO (\$0	3 3 4	538 538 538 14,889 0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	15,157 15,040  N STATUS COMPLETE 2 10/1993
CER ENLIST CIVIL 0 111 0 71 ENTORY DATA (\$00	CO (\$0	3 3 4	538 538 538 14,889 0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	15,157 15,040  N STATUS COMPLETE 2 10/1993
CER ENLIST CIVIL 0 111 0 71 ENTORY DATA (\$00	CO (\$0	3 3 4	538 538 538 14,889 0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	15,157 15,040
0 111 0 71  ENTORY DATA (\$00  DORAM	0 0 0 0 0 0	0 0 0 3 3 4 4 4 4 4 4 2,600 2,600 6,000	538 538 538 14,889 0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	15,157 15,040
O 71  ENTORY DATA (\$00  DORAM.  SRAM.  LLY)  De Center	0 0 000) 	0 3 3 4	538  14,889 0 18,600 25,500 0 87,610 46,599  DESIGN START 03/1992	15,040  N STATUS COMPLETE 3 10/1993
DGRAM	(\$0	AST 2000) 2,600 (6,000)	0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
DGRAM	(\$0	AST 2000) 2,600 (6,000)	0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
SRAM.  LLY)  De Center	(\$0 1	AST 2000) 2,600 (6,000)	0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
SRAM.  LLY)  De Center	(\$0 1	AST 2000) 2,600 (6,000)	0 18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
OGRAM	© (\$0	4 4 4 4 4 4	18,600 25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
SRAM	(\$0 1	000) 2,600	25,500 0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
be Center	(\$0	000) 2,600	0 87,610 46,599 DESIGN START 03/1992	COMPLETE 10/1993
be Center	(\$0	OST 000) 2,600	DESIGN START 03/1992	COMPLETE 10/1993
oe Center	00 (\$0 1	OST 000) 2,600	DESIGN START 03/1992	COMPLETE 10/1993
	(\$0 1	2,600 16,000	START 03/1992	COMPLETE 10/1993
	(\$0 1	2,600 16,000	START 03/1992	COMPLETE 10/1993
	1	2,600 16,000	03/1992	10/1993
	1	2,600 16,000	03/1992	10/1993
	1			-
TOTAL	<u> </u>	.8,600		
	m			
	m			
	~	ST		
	(\$0	000)		
Substation		.5,500		
	1	.0,000		
TOTAL	2	5,500		
SION ONLY): NON	NE			
ith Infantry Div J.S. Army Informated there. In add	vision. Part mation System	s of ms		
	a troops and the	n troops and their supporti toth Infantry Division. Part J.S. Army Information Syste and there. In addition, men	n troops and their supporting ith Infantry Division. Parts of J.S. Army Information Systems and there. In addition, members	n troops and their supporting th Infantry Division. Parts of J.S. Army Information Systems sed there. In addition, members

COMPONENT ARMY	FY 1994 MILITARY CONSTRUCTION	ON PROGRAM 2.	DATE APRIL 1993
INSTALLATION	AND LOCATION: Schofield Barracks		
INSTRUMENTON	AND INCATION: Schoffeld Barracks	Hawaii	
11. OUTSTANDING POL	JUTION AND SAFETY DEPICIENCIES:		
		(\$000)	
<ul> <li>A. AIR POLLUTION</li> <li>B. WATER POLLUTI</li> </ul>		0	
	SAPETY AND HEALTH	0	
		0	

1.COMPONENT							2.DATE		
	FY 1	9 <u>94</u> MILITAR	Y CONST	RUCTIO	N PR	OJECT DATA			
ARMY 3. INSTALLATION AN	D 70015	****		4.PROJE			A	PRIL 1993	
		TON		4.PROJE	CT TI	TLE			
Schofield Barr Hawaii	acks			١.					
Hawall 5.PROGRAM ELEMENT		6.CATEGORY CODE	12 222	Opera ECT NUM		s Facility			
3.PROGRAM BLEMENT		6.CATEGORY CODE	7.PROJ	ECT NUM					
017001					2,00				
91520A	_	141	COST EST	14840		присор	2,600		
		<u> </u>	.COST EST	IMATES	1				
/		ITEM			U/M	QUANTITY	COST	COST (\$000)	
PRIMARY FACILI	TY							1,775	
CIDC Field Operations Building					SF	12,918	135.70	(1,753)	
IDS Installation					LS			(15	
Building Information Systems					LS			(7)	
SUPPORTING FAC	ILITI	ES			1			550	
Electric Ser	vice				LS			(123)	
Water, Sewer	, Gas				LS			(28	
Paving, Walk	s, Cu	rbs And Gutters			LS			(192	
Storm Draina	ge				LS			(75	
Site Imp(	107)	Demo( )			Ls			(107	
Information	Syste	ns			LS			(25)	
					Ш				
ESTIMATED CONT					1 1			2,325	
CONTINGENCY PE	RCENT	(5.00%)			1 1			116	
SUBTOTAL						ļ		2,441	
	NSPEC	TION & OVERHEAD	(6.5	0#)				159	
TOTAL REQUEST								2,600	
TOTAL REQUEST	•	•						2,600	
INSTALLED EQUI	PMENT	-OTHER APPROPRIA	TIONS		1 1			(7)	

10.Description of Proposed Construction Construct a modified standard-design specialized Criminal Investigations Division Command (CIDC) Field Operations Building. Project includes administrative space, polygraph suite, secured evidence depository, suspect isolation areas, observation and interview areas with acoustic separation, photo identification and fingerprint room, property and supply storage and maintenance areas. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, lightning protection, sanitary and storm sewers, fire protection and alarm systems, access roads, parking, fencing, information systems, and site improvements. Access for the handicapped will be provided. Air conditioning (45 tons) will be provided by a self-contained system. Demolish one building (800 SF) within the footprint.

<sup>12,918</sup> SF ADEQUATE: 11. REQUIREMENT: NONE SUBSTANDARD: 7,900 SF PROJECT: Construct a modified standard-design, specialized CIDC field operations building. (Current Mission) REQUIREMENT: This project is required to provide operating facilities for a District Headquarters and a Resident Agency, both of which are criminal investigative field offices of the US Army Criminal Investigation Command. The

1.COMPONENT					2.DATE
	FY 1994	MILITARY	CONSTRUCTION PRO	JECT DATA	
ARMY					APRIL 1993
3. INSTALLATION AND	LOCATION				
Schofield Barr	acks, Hawaii				
4.PROJECT TITLE		-		5.PROJECT	NUMBER
Operations Fac	ility				14840
REQUIREMENT:	(CONTINUED)				
Resident Agenc	y requires s	pecial purp	ose space to per	form its m	ission.
Examples are a	polygraph re	oom and evi	dence depository	. In addit	ion, space for
15 non-tactical	l vehicles,	support spa	ce for four High	Mobility :	Multi-purpose
Wheeled Vehicle	es (HMMWV) a	nd a reposi	itory storage of	other Modi	fied Table of
Organization a	nd Equipment	(MTOE) for	a 9-man detachm	ent is req	uired, since
the Resident A	gency conver	ts from a T	able of Distribu	tion and A	llowances (TDA)
to a TOE comba	t support un:	it in 1995.	There are 37 fu	ll-time pe	rsonnel
occupying the	facility. No	facilities	on or off the i	nstallatio	n can properly
satisfy the red	quirement. T	he project	would allow all	operations	, less drug
suppression, to	o be consolia	dated under	one roof.		
CURRENT SITUAT:	ION: The u	nit current	ly uses a World	War II, co	nverted wooden
warehouse that	is too smal.	l even for	its current need	s. For exa	mple, it does
not have a sus	pect waiting	room, an i	interview/line-up	room, a c	onference room,
			spects must shar		
			ent evidence roo		
			room is so smal		
evidence must	be stored in	another wa	rehouse. The int	erview roo	ms lack privacy
			Since the overal		
			operations. Obta		
			ifficult due to a		
			and speed of the		
			vorking environme		
			ions. The presen		
			ge areas flood du	ring the r	ainy season. In
			ly hot and humid.		
			oject is not prov		
			problem, and th		
			suspect processi		
			or the storage o		
			1995. The failur		
facilities low	ers both the	morale and	productivity of	a small,	overworked,

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project. Related Project: FY 95 MCA Project Number 35576 Electrical Upgrade

specially-skilled force and is not encouraging to soldiers.

will renovate the power in this area.

1.COMPONEN	T						2.DATE		
ARMY	,	1	FY 19 <u>94</u>	MILITARY CONSTRUC	TION PROJE	CT DATA	1007	- 1002	
3. INSTALL		ID LOCA	ATION				APKI	L 1993	
Schofiel	d Bar	racks	, Hawaii						
4.PROJECT						5.PROJECT N	UMBER		
Operation	ns Fac	cilit	У				148	40	
12. SUP	PLEME	TOTA T	nama.						
12. 30P			DRIK:   Design I	Data.					
•••	(1)	Stat	-	paca.					
	` '	(a)		Start Date			MAR	1992	
		(b)	Percent	Complete As Of 01	January 93	(BDGT YE	t)	35	
		(c)	Percent	Complete As Of 01	October 93	PROG YE	i)	90	
	(d) Design Complete Date								
	(2) Basis:								
		(a)		d or Definitive Des		NO) N			
(b) Where Design Was Most Recently Used									
	(3)	Tota	1 Design	Cost (c) = (a)+(b)	OR (d)+(e	٠١.	/50	100)	
	(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)  (a) Production of Plans and Specifications							,00,	
							240		
							240		
	(d) Contract							2,10	
		(e)		e				240	
		` .							
	(4)	Cons	truction	Start			JAN	1994	
							month &	year	
B.				ted with this proje	ct which w	vill be pı	ovided fr	om	
other	approp	priat	ions:			74			
Fouri	pment			Danasina			l Year	2	
_	nclati			Procuring			priated	Cost	
Моше	пстас	<u> </u>		Appropriati	<u>on</u>	Or Ke	equested	(\$000)	
IDS Eq	niome	nt		OPA		1994	1	6	
Info S	-			OPA		1994		1	
	1-			0111		1,,,		-	
						TO	AL	7	
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i									

1. COMPONENT					2.DATE		
	1994 MILITAR	Y CONST	RUCTIO	N PR	OJECT DATA		
ARMY				APRIL 1993			
				4.PROJECT TITLE			
Schofield Barrack	s						
				ulti-Purpose Family Service Center			
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJ	Auth		B. PROJECT	CT COST (\$000)	
					1	16,000	
22496A 740			34642		Approp 16,000		
	9.	COST EST	IMATES				
ITEM				U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILITY							10,627
Child Development Center				SF	19,365	144.53	(2,799
Playground w/Equip, Shed & Fence				LS			(390
Family Center				SF	2,630	151.66	(399
Chapel Center Facility				SF	13,638	190.10	(2,593
Physical Fitness Center				SF	27,817	158.10	(4,398
Information Systems				LS			(48
SUPPORTING FACILITIES							3,577
Electric Service				LS			(573
Water, Sewer, Gas				LS			(343)
Paving, Walks, Curbs And Gutters				LS			(951
Storm Drainage				LS			(402
Site Imp( 1,249) Demo( 14)				LS			(1,263)
Information Systems				LS			(45)
ESTIMATED CONTRAC	T COST		_				14,204
CONTINGENCY PERCENT (5.00%)							710
SUBTOTAL							14,914
SUPERVISION, INSPECTION & OVERHEAD (6.50%)							969
TOTAL REQUEST							15,883
TOTAL REQUEST (ROUNDED)							16,000
	NT-OTHER APPROPRIAT	TONS					(1
1							

10.Description of Proposed Construction This project is part of the Service Member Support Center project at Helemano Military Reservation. Funding for the Service Member Support Center will be shared by Non-Appropriated Funds (NAF) and Military Construction, Army (MCA) construction programs. The NAF funds will be used under FY 94 Project 41205 Youth Center. The youth center and the outdoor swimming pool and wading pool with pool house will be funded by NAF funds. Service Member Support Center supporting facilities costs are prorated between the MCA and NAF projects. This project will construct a two-story service member community support center and a stand alone standard-design child development center, playground with equipment, shed and fencing. Work includes a community services center, chapel center, and a standard-design physical fitness center. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; fire sprinkler, fire protection and alarm systems; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Air conditioning (135 tons) will be provided by a self-contained unit. Mechanical ventilation (2,100 CFM) for restrooms and shower areas will be provided. Demolish one building (1,000 SF) and remove pavement (40,000 SF) and slabs (4,800 SF). Due to the proposed siting of the Service Member Support Center, a two-story structure is

1.COMPONENT						2.DATE
	FY 1994	MILITARY	CONSTRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
3. INSTALLATION AND	LOCATION					
Schofield Barr	acks, Hawaii					
4.PROJECT TITLE				5.F	ROJECT	NUMBER
Multi-Purpose	Family Servic	o Contar				24642

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

necessary to avoid causing Radio Frequency Interference to the Naval Communication Area Master Station's (NAVCAMS) Circular Deploy Antenna Array. The two-story structure will require an elevator for the handicapped and freight.

11. REQUIREMENT: 67,079 SF ADEQUATE: NONE SUBSTANDARD: PROJECT: Construct a two-story multi-purpose family service center with a stand-alone, standard-design child development center (CDC). (Current Mission) REQUIREMENT: This project is required to provide family support services facilities for Helemano Military Reservation (HMR) expanded family housing mission. It will provide a wide range of services to military personnel and their dependents. The Community Service Center will assist active duty personnel and family members with relocation and other quality-of-life concerns. Their services include financial planning, social worker counseling, family advocacy, employment services, information referral with follow-up, relocation assistance, foster care, consumer affairs, outreach program and exceptional family member program. Children will have opportunities for healthy development and a full range of activities. This project will serve an estimated 3,000 military personnel and their dependents. CURRENT SITUATION: The HMR is a sub-installation of Schofield Barracks, three miles from Schofield Barracks and approximately two miles from the town of Wahiawa. Military families are now occupying the new 340 unit community. An additional 270 units were completed October 1992. At present, there are no soldier and family support facilities at Helemano. HMR is intended to house junior enlisted personnel. Statistically, these families have the greatest need of family support programs. The morale and welfare of the service members and their dependents living at HMR are seriously affected due to the distance from Schofield Barracks, the nearest installation providing morale, welfare and recreation support and programs. Further, the existing facilities at Schofield Barracks are fully utilized and were never designed to serve the additional requirements of HMR. Many personnel do not have privately-owned vehicles. No public transportation is available between Helemano and Schofield. They will have no facility available to meet their support needs. The heavy rain during at least four months of the year requires indoor support facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, HMR master plan to provide community support facilities for over 600 families will not be met. HMR will continue to have no service member and dependent support center, which would adversely affect the retention rate, community morale and welfare, and physical fitness of personnel and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1

	FY 1994 MILITARY CONSTRUCTION	PROJECT DATA	2.DATE	
ARMY	_		APR	L 1993
.INSTALLATION AM	D LOCATION			
chofield Bar	acks, Hawaii	Tr annuar		
.PROJECT TITLE		5.PROJECT	NUMBER	
Multi-Purpose	Family Service Center		340	542
ADDITIONAL:	(CONTINUED)			
	as implemented by the Army's Archite			
	AEI), "Design Criteria," dated 9 Dece	•		-
	subsequent revisions included in the			ation
	. Alternative methods of meeting this			
-	ng project development. This project	is the only f	easible op	otion
to meet the re	equirement.			
	NTAL DATA:			
	mated Design Data:			
(1)	Status:			
	(a) Design Start Date			
	(b) Percent Complete As Of 01 Janua			
	(c) Percent Complete As Of 01 Octob			100
	(d) Design Complete Date		<u>OCT</u>	1993
(2)	Basis:			
	(a) Standard or Definitive Design -			
	(b) Where Design Was Most Recently	Used		
(3)	Total Design Cost (c) = (a)+(b) OR (	(d)+(e):	(5)	000)
(-/	(a) Production of Plans and Specific			650
	(b) All Other Design Costs			350
	(c) Total Design Cost			1,000
	(d) Contract			800
	(e) In-house			200
(4)	Construction Start			
			month &	year
	pment associated with this project wh	nich will be p	rovided f	rom
other appro	priations:			
			al Year	
	Procuring		opriated	Cost
Equipment		O D	equested	
Equipment Nomenclat	Appropriation	Or K		<u>(\$000</u>
		<u>0F ફ</u>		<u>(\$000</u>
Nomenclat		199		(\$00

## DEPARTMENT OF THE ARMY PISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUTH	ORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Kentucky	y	Fort Campbell (FORSCOM)				87
	820	Dining Pacilities Modernization		3,500	3,500	89
	33345	Airfield Improvements		3,950	3,950	92
	39057	Mobilization Warehouse		850	850	95
	40217	Whole Barracks Renewal		32,000	32,000	98
		Subtotal For Fort Campbell PART I	\$	40,300	40,300	
		Fort Knox (TRADOC)				101
	3091	Whole Barracks Renewal		25,000	25,000	103
	6895	Maintenance Pacility		12,200	12,200	106
	22332	Multipurpose Training Range		4,150	4,150	109
		Subtotal For Fort Know PART I	\$	41,350	41,350	
		* TOTAL MCA POR Kentucky	\$	81,650	81,650	

•	COMPONENT		FY 1994 MIL	TTARY CO	NSTRUCTI	ON PROG	KAPI		2. D	PRIL 1993
	INSTALLATION AND LO	CATION	4. ∞	MMAND					1	REA CONSTRUCTION
	Port Campbell Kentucky		US Army	Forces (	Command					1.02
	6. PERSONNEL STRENG	IH: PERMAN OFFICER ENLI			ENTS	TITE OF		PORTED	י זדעדי.	TOTAL
	A. AS OF 30 SEP 199			17	187	0	18	92	507	25,453
	B. END FY 1999	2783 197		23	180	0	17	92	2130	27,618
	B. END FT 1999	2703 131	2021							
			7.	INVENTOR	RY DATA (	\$000)				
	A. TOTAL ACREAGE		36,553 AC							
	B. INVENTORY TOT	AL AS OF 30 S	EP 1992					2,	345,204	
	C. AUTHORIZATION								0	
	D. AUTHORIZATION								40,300	
	E. AUTHORIZATION								54,400	
	F. PLANNED IN NE								0	
	G. REMAINING DEF								124,806	
	H. GRAND TOTAL		• • • • • • • • • • • • • • • • • • • •					2,	564,710	
	8. PROJECTS REQUEST	ETD. TAL PERE BY	1004 PROCESS							
	_		LJJ4 PROGRAF	1:				OST	DESTG	N STATUS
	CATEGORY PROJECT CODE NUMBER		ROJECT TITLE					000)		COMPLETE
		Dining Faci					(4	3,500		2 09/1993
		Airfield Im		mzacio				3,950		2 09/1993
		Whole Barra						32,000		2 09/1993
		Mobilizatio						850		2 09/1993
	112 35037	HODITIZACIO	i warenouse					030	00,222	- 0,,,,,,,,,
					TOT	NL		40,300		
	9. FUTURE PROJECTS:									
	CATEGORY						c	ost		
	CODE	P	ROJECT TITL	Ε			(\$	000)		
	A. INCLUDED IN	THE FY 1995 P	ROGRAM:							
	860	Railroad Co	nnector					10,000		
	214	Tactical Eq	uipment Shop	P				15,500		
	860	Railroad Tr	ack Addition	n				7,900		
	721	Whole Barra	cks Renewal					21,000		
					TOT	AL		54,400		
		noim processi		WT CCTO	ONT VI	NOME				
	B. PLANNED NEXT	r POUR PROGRAM	YEARS (NEW	MISSION	ONLY):	NONE				
_										
	10. MISSION OR MAJO									
	Support and tra	aining of an A	irborne (Ai	r Assaul	t) Divis	ion and	other			
	non-divisional sup	ort units. En	sure the mo	st effic	ient uti	lizatio	n of			
	resources to opera-									

I. COMPONENT	FY 1994 MILITARY CONSTRUCTION I	PROGRAM	2. DATE
ARMY			APRIL 1993
INSTALLATIO	N AND LOCATION: Port Campbell	Kentucky	
support mission. Ex Provide command and	OR FUNCTIONS: (CONTINUED)  nsure that Fort Campbell is prepared for mobil  d control, and prepare designated units to rap  performance of combat, combat support, and con- s assigned.	oidly deploy	
11. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES:		
		(\$000	)
A. AIR POLLUTIO	ON	7,58	
B. WATER POLLUT		8,08	
	L SAFETY AND HEALTH		0

1.COMPONENT								2.DATE				
ARMY	FY 19	94 1	11LITARY	CONSTRUCTION PROJECT DATA APRIL 1993								
3. INSTALLATION AN	D LOCATIO	אכ			4.PROJE	CT TIT	LE					
Fort Campbell												
Kentucky							ilities Mo					
5.PROGRAM ELEMENT	6	. CATEGORY	CODE	7.PROJ	ECT NUME	BER		COST (\$00	•			
							Auth		500			
22696A		722			820		мрргор	3,	500			
			9.0	OST EST	IMATES							
		ITEM				U/M	QUANTITY	COST	COST (\$000)			
PRIMARY FACIL				•		SF	21,914	133.72	2,930 (2,930)			
Modernize D	ining re	acilitie	•			31	21,914	133.72	(2,550)			
SUPPORTING FAC	CILITIE	<u>s</u>							91			
Electric Se	rvice					LS			(27)			
Water, Sewe:						LS			(28)			
Paving, Wall		bs & Gut	ters			LS			(25)			
Storm Drain	age					LS			(11)			
ESTIMATED CON	TRACT C	OST				$\vdash$			3,021			
CONTINGENCY P									302			
SUBTOTAL						1 1			3,323			
SUPERVISION,	INSPECT	ION & OV	ERHEAD	(6.0	(80	1 1	*		199			
TOTAL REQUEST									3,522			
TOTAL REQUEST	(ROUND	ED)							3,500			
INSTALLED EQU	IPMENT-	OTHER AP	PROPRIAT	IONS					(0)			
20 00 00 00 00 00 00 00 00 00 00 00 00 0				- 41			:1:+:	Daniant				

10.Description of Proposed Construction Modernize three dining facilities. Project includes replacement of existing equipment in food preparation area, dishwashing area, and pot and pan washing area with state-of-the-art equipment; suspended acoustical ceilings; wall coverings; floor covering; sound system and lighting. Install self-service area and short order line, upgrade main utility service capacity to accommodate modern food service equipment, and replace building drain lines. Replace roofs on three facilities. Modernize toilets in food preparation area. Supporting facilities include utilities, electric service, sanitary sewer, grease traps, storm drainage, and paving. Heating (gas-fired), air conditioning (80 tons), and ventilating systems will be provided.

REQUIREMENT: This renovation is required to improve the efficiency of service and the dining environment and to reduce risks of fire and other hazards due to deficiencies of heating, ventilation, and air conditioning (HVAC) systems, electrical wiring and outlets, and aging equipment to improve

<sup>11.</sup> REQUIREMENT: 12,640 PN ADEQUATE: 11,566 PN SUBSTANDARD: 1,074 PN PROJECT: Modernize three dining facilities (Number served 1,074). (Current Mission)

REPOULDEMENT: This repoyation is required to improve the efficiency of

1.COMPONENT					2.DATE		
1000	FY 19 <u>94</u>	MILITARY	CONSTRUCTION PROJE	ECT DATA			
ARMY 3.INSTALLATION AN	D LOCATION				APRIL 1993		
Fort Campbell,	Kentucky						
4.PROJECT TITLE				5. PROJECT N	UMBER		
Dining Facilit	ties Moderniza	ation			820		
	•						
REQUIREMENT:	(CONTINUED)						
quality of foo	od by use of r	nodern equi	ipment; to reduce	damage to	buildings due		
to excess mois	sture caused l	by lack of	proper ventilation	n. The num	ber of		
			served is 528 in				
each for the o	other two buil	ldings. The	three dining fac	ilities ar	e located		
approximately	three to five	e miles apa	art. One building	is located	l at		
Clarksville Ba	ase in the sou	uthwest car	ntonment area, one	at Campbe	ell Army		
Airfield in th	ne north canto	onment area	a, and the third l	ocated in	the southwest		
			three miles from				
CURRENT SITUAT			ting dining facili				
			expensive damage a				
			ronment. Heating a				
			ld leak, ruining c				
			alk-in cooler wall				
			lavatories causes				
			zard. The second				
			ding to the noise				
			ds of 55 decibels)				
			and take audiogram				
			open dishwashing				
			damage and adding the desired with the desired with the desired with the desired with the desired and desired in the desired and desired a				
			orage capacity. Two				
			require two latr				
_			the staff must we				
work, which is				ar work di	IIIOIMS CO		
IMPACT IF NOT	-	-	oject is not provi	ded, the f	following		
		_	facilities will re		•		
			ons; unappealing d				
			aging equipment an				
			coordinated with t				
security plan,	and no physi	ical securi	ity and/or combatt	ing terror	ism (CBT/T)		
			complies with the				
criteria of DO	DD 4270.1-M,	"Constructi	ion Criteria," tha	t were in	effect 1		
			Army's Architectur				
Instruction (A	AEI), "Design	Criteria,	dated 9 December	1991, wit	h the 8 July		
1992 and all s	subsequent rev	visions ind	cluded in the Desi	gn Criteri	.a Information		
System (DCIS).	. An economic	analysis h	as been prepared	and utiliz	ed in		
evaluating thi	is project.						

1.COMPONENT			2.DATE	
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA		
ARMY			APRI	L 1993
3. INSTALLATION A	ND LOCATION			
Fort Campbell	, Kentucky			
4.PROJECT TITLE		5.PROJECT NU	UMBER	
Dining Facili	ties Modernization		820	
	NTAL DATA:			
	mated Design Data:			
(1)	Status:			
	(a) Design Start Date			
	(b) Percent Complete As Of 01 January 93			
ļ	(c) Percent Complete As Of 01 October 93			100
	(d) Design Complete Date		<u>SEP</u>	1993
(2)	Basis:			
	(a) Standard or Definitive Design - (YES	NO) N		
	(b) Where Design Was Most Recently Used			
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$		(\$0	•
	(a) Production of Plans and Specification			
	(b) All Other Design Costs			105
	(c) Total Design Cost			280
	(d) Contract			210
	(e) In-house		• • • • • • • • • • • • • • • • • • • •	70
(4)	Construction Start	· · · · · · · · · · · ·		
			month &	year
	pment associated with this project which w	vill be pro	ovided fr	om
other appro	opriations:			
			l Year	
Equipment			priated	Cost
Nomenclat	ure Appropriation	Or Re	quested	<u>(\$000)</u>
	None			
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<b>!</b>				
}				
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1.COMPONENT							2.DATE			
ARMY	FY 19	MILITARY	CONST	RUCTIO	N PRO	DJECT DATA		DDTT 1002		
3.INSTALLATION AN	D LOCATIO	ON .		4.PROJE	CT TI	LIR	<u>^</u>	APRIL 1993		
Fort Campbell				11111002		. 20				
Kentucky				Airfi	eld 1	mprovemen	- e			
5.PROGRAM ELEMENT	. 6	.CATEGORY CODE	7.PROJ	ECT NUME			COST (\$00	0)		
			1			Auth	3,	3,950		
22696A		116		33345		Approp	3,	950		
		9.0	COST EST	IMATES						
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)		
PRIMARY FACIL	ITY		-					2,751		
Flight Ops 1	Bldg/Co	atrol Tower	SF	8,170	140.00	(1,144)				
Remove/insta	all ATC	Tower Equip.		LS			(40)			
Runway Edge	ag .	LF	10,200	39.62	(404)					
		. Fuel Lines			LF	9,500	102.40	(973)		
Fuel Loading					LS			(172)		
Building In:					LS			(18)		
SUPPORTING FAC		<u>š</u>			1			817		
Electric Ser					LS			(334)		
Water, Sewe					LS			(6)		
		bs And Gutters			LS			(141)		
Storm Drain	_				LS			(16)		
Site Imp(					LS			(74)		
Information	Systems	3			LS			(246)		
ESTIMATED CON	TD A CM C							3,568		
CONTINGENCY P							3,568 178			
SUBTOTAL	EKCENT	(3.00%)						3,746		
	TMCDFCT.	ION & OVERHEAD	(6.0	.09.	1 1			225		
TOTAL REQUEST	INSFECT.	ION & OVERHEAD	(0.0	,00)	1 1			3,971		
TOTAL REQUEST	/ POIND	en.						3,950		
LOTUR KEGOESI	( WOOND)	رمد			i i			3,930		

10.Description of Proposed Construction Install a combined central lighting control console in the existing tower with upgraded circuitry to provide computer monitoring capability at this new console. Install five-stage runway edge lighting system. Construct a flight operations building with a taller control tower, raze existing control tower and tower base. Remove air traffic control equipment from existing tower at Sabre Heliport and reinstall in new tower. Supporting facilities include utilities, electric service, emergency generator, paving, and site improvements. Demolish three aboveground fuel storage tanks (185,000 gallons).

15,200 LF ADEQUATE: 11. REQUIREMENT: NONE SUBSTANDARD: NONE PROJECT: Upgrade airfield and heliport. (Current Mission) REQUIREMENT: This modernization project is required to maintain air traffic safety at Campbell Army Airfield (CAAF) and Sabre Army Heliport and to support the rapid deployment and combat effectiveness of the 101st Airborne Division (Air Assault) and other non-divisional units stationed on-post. <u>CURRENT SITUATION:</u> Both fixed and rotary-wing operations are conducted at the CAAF/Destiny Heliport (DH) co-located facilities. Rotary-wing operations are also conducted at Sabre Army Heliport 10 miles away. This distance, along

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

(25)

1.COMPONENT						2. DATE		
	FY 1994	MILITARY	CONSTRUCTION	PROJEC	T DATA			
ARMY						A	PRIL 19	993
3.INSTALLATION AND	LOCATION							
Fort Campbell,	Kentucky							
4.PROJECT TITLE				5	PROJECT	NUMBER		
Airfield Impro	vements						33345	

CURRENT SITUATION: (CONTINUED)

with the volume of the combined air operations, prevents the control of both facilities from a single tower. Relocation of Sabre based aircraft to CAAF/DH would require extensive construction of additional hangar and apron facilities and the combined total of 216 helicopters would overwhelm the air traffic control operations of a single tower. CAAF was constructed in 1948 as a fixed-wing airfield and modified in 1972 by the construction of Destiny Heliport to accommodate rotary-wing aircraft. Air traffic has doubled at CAAF since 1984 but many support facilities have not been updated to meet this increased volume. Further, existing landing, parking, loading and fueling facilities have deteriorated so that major upgrades are required to meet current operational and air safety standards. Of major safety concern is the location of the lighting control panel for DH which is on the opposite side of the tower from the air traffic control station. This is a special concern because during night vision goggle (NVG) training exercises the controller looses observation of the in-bound aircraft whenever it is necessary to switch the lights on or off. Sabre Heliport's tower was originally constructed in 1976 and its location and 80-foot height have become a concern. Extensive construction, such as three maintenance hangars, and native vegetation growth since 1967 have obstructed the controller's view of parts of the airfield. Portions of the hot refueling area are also unable to be seen. As air operations continue to grow, so does the potential for safety risks. Presently air operations at Sabre are located in a converted house trailer. This facility is incapable of providing most of the basic services normally associated with a base operations facility.

IMPACT IF NOT PROVIDED: If this project is not provided, training and combat readiness posture of the division and non-divisional units will continue to be adversely affected. Both day-to-day training operations and the deployment capability of these units are impaired by lack of adequate flight operations, air traffic control, and fueling facilities. Night training operations cannot be conducted on the secondary runway, as it is not equipped with edge lighting.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DDD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

.COMPONENT				***			2.DATE			
	- 1	F	Y 19 <u>94</u>	MILITARY CONSTRUC	TION PROJE	CT DATA				
ARMY							APRI	և 1993		
. INSTALLAT	ION ANI	D LOCA	TION					- 1		
ort Campbell, Kentucky										
PROJECT T		Kent	шеку			5.PROJECT N	UMBER			
i.PRODECT I										
Airfield	irfield Improvements 33345									
12. SUPF	LEMEN	TAL I	ATA:					l		
A.	Estim	ated	Design	Data:				- 1		
	(1)	Stati	ıs:							
				Start Date						
				Complete As Of 01				35		
				Complete As Of 01				100		
		(d)	Design	Complete Date			SEP	1993		
		D = = 4 .								
	(2)	Basis		d or Definitive Des	sign - (YES	S/NO) N				
		(b)		esign Was Most Rece		3, 1.0 , 1.				
		(0)	WHELE D	esign was nobe week	onerly obou					
	(3)	Tota	l Design	Cost (c) = (a)+(b)	OR (d)+(e	∍):	(\$0	00)		
	(-,			ion of Plans and Sp				187		
				er Design Costs				113		
		(c)	Total D	esign Cost				300		
		(d)	Contrac	:t			· · · ·	225		
		(e)	In-hous	e				75		
	(4)	Cons	truction	Start						
							month &	year		
В.	Ferri		2000012	ted with this proje	act which	will be no	rovided fr	.O.B.		
other a				ited with this proje	sec which	will be p.	CVIUCU II	0		
Other (	PPIOF	or ruc	LOMB.			Fisc	al Year			
Equi	ment			Procuring			opriated	Cost		
	nclatu	ire		Appropriat:	ion		equested	(\$000)		
Info S	/s - 1	t SC		OPA		199	4	25		
						TO	TAL	25		

PAGE NO. 94

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD 1 PORM 1391C

FY 19 <u>94</u> MILITARY CONSTRUCTION PROJECT DATA	2.DATE				
ARMY					
	A	PRIL 1993			
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
Fort Campbell					
Kentucky Mobilization Warehot 5.PROGRAM ELEMENT 6.CATEGORY CODE 7.PROJECT NUMBER 8.PROJECT		<del>-</del>			
7. FRONDET NUMBER 8. PROJECT					
22696A 442 39057 Approp		850			
9.COST ESTIMATES		850			
	UNIT	COST			
ITEM U/M QUANTITY	COST	(\$000)			
PRIMARY FACILITY		70			
Warehouse Building SF 14,000	50.00	(70			
Building Information Systems LS		(:			
		`			
SUPPORTING FACILITIES	, and	60			
Electric Service		(25			
Water, Sewer, Gas		(10			
Paving, Walks, Curbs And Gutters LS		(1			
Site Imp( 15) Demo( ) LS		(15			
Information Systems LS		( 8			
ESTIMATED CONTRACT COST		767			
CONTINGENCY PERCENT (5.00%)		38			
SUBTOTAL		805			
SUPERVISION, INSPECTION & OVERHEAD (6.00%)		48			
TOTAL REQUEST		853			
TOTAL REQUEST (ROUNDED)	i	850			
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS		(1			
10.Description of Proposed Construction Construct a warehouse to store and	process	the			
463L pallet systems and equipment. Personnel doors and a roll-u	p door a	are			
required. Supporting facilities include utilities; electric ser	vice; sa	anitary			
sewer; paving, walks, curbs and gutters; information systems; a	nd site				
improvements. Heating will be provided by a gas-fired system. A	ccess fo	or the			
handicapped will be provided.					
11. REQUIREMENT: 14,000 SF ADEQUATE: NONE SUBSTANDA	DD 1				
PROJECT: Construct a warehouse for storage and processing 463L		10,000 SF			
systems. (Current Mission)	pallet				
REQUIREMENT: This project is required to provide a storage fa	ailite 4				
pallet systems assigned to Fort Campbell as war reserve materia	OTITEY I	.01			
authorized in Crisis Response Force and Contingency Force Time	I. no Dhacad I	orge			
Deployment Data (TPFDD) list, Fort Campbell has and will contin	ne to ha	ve a			
requirement to store over 1,200 463L pallets. 463L pallets are	designed	l to			
handle bulk and oversized non-vehicular equipment on Air Force	aircraft	and.			
as demonstrated during Operation Desert Storm, are essential to	the 101	st			
Division's contingency missions. In addition, portable scales,	dunnage.	and			
tool kits must be stored in a secure area for any contingency.	This bui	lding			
•					

1.COMPONENT	FY 1994	MILITARRY CONCERNICATON D	DOTECT DATA	2. DATE
ARMY	F1 19 <u>94</u>	MILITARY CONSTRUCTION F	ROJECT DATA	APRIL 1993
3. INSTALLATION AN	D LOCATION			
Fort Campbell	Kentucky			
4.PROJECT TITLE			5.PROJECT	NUMBER
				20057
Mobilization N	arehouse			39057
REQUIREMENT:	(COMMENSION)			
		permit inside loading a	and stading (	of at least
		ations utilizing 40 foo		/ ut itubt
CURRENT SITUAT		nt is currently housed		of an old
		Campbell Army Airfield.		
		their tracks and must		
		rd infested, making wor		
building unacc	eptable for he	alth reasons. This buil	lding is sche	eduled for
demolition and	only a matter	of time before it will	l be torn dow	n.
		this project is not pr		
		will be hampered by us	se of a build	ling that is not
designed for t				
		as been coordinated wit		
		red physical security a		
		d. This project complie		•
		nstruction Criteria, th		
		Army's Architectural and 9 December 1991, with		
		d in the Design Criteri	-	
		of meeting this require		
		This project is the onl		
the requiremen	•		.,	
10 OVER THE	m.,			
	<u>TAL DATA:</u> ated Design Da	+		
A. ESCII	ated Design Da Status:	ca:		
(1)	_	art Date		AUG 1992
		omplete As Of 01 Januar		
		omplete As Of 01 Octobe		
		mplete Date		
		•		<del></del>
(2)	Basis:			
	(a) Standard	or Definitive Design -	(YES/NO) N	
	(b) Where Des	ign Was Most Recently U	Jsed	
(3)	Total Decign C	ost (c) = (a)+(b) OR (c	d)+(e).	(\$000)
(3)		on of Plans and Specific		* * *
		Design Costs		
		ign Cost		
(4)	Construction S	tart		MAR 1994

1.COMPONENT				2.DATE	
	FY 19 <u>94</u>	MILITARY CONSTRUCTION PRO	DJECT DATA	1	
ARMY				APRI	IL 1993
3.INSTALLATION AND	LOCATION				
B	·				
Fort Campbell, 4.PROJECT TITLE	Kentucky		T5		
4.PROJECT TITLE			5.PROJECT I	NUMBER	
Mobilization W	arehouse			30/	057
NODITIZACION W	arenouse			330	,51
12. SUPPLEMEN	TAL DATA: (Con	tinued)			
		ta: (Continued)			
Ī	-	,		month &	vear
					•
B. Equip	ment associate	d with this project which	will be p	rovided fr	com
other approp	riations:				
			Fisca	al Year	
Equipment		Procuring		opriated	Cost
Nomenclatu	re	Appropriation	Or R	equested	(\$000)
					-
Info Sys - I	SC	OPA	199	4	1
			TO	TAL	1

1.COMPONENT							A.DAIL	1		
	FY 1994	MILITARY	CONST	RUCTIO	N PRO	JECT DATA				
ARMY				,			Al	PRIL 1993		
3. INSTALLATION AN	D LOCATION			4.PROJE	CT TI	LTE				
Fort Campbell				l						
Kentucky					e Barracks Renewal					
5.PROGRAM ELEMENT	6.CAT	REGORY CODE	7.PROJ	ECT NUMB	ER	8.PROJECT	• • •	· ·		
	i				Auth	32,000				
22696A		721		40217		мрргор	32,000			
		9.	COST ES	TIMATES						
ITEM					M/U	QUANTITY	COST	COST (\$000)		
PRIMARY FACILITY								23,975		
Enlisted Barracks					SF	103,680	94.00			
Company Ope:	rations				SF	55,475	80.26			
Battalion H	Qs w/Class	room			SF	54,150	96.00	, , ,		
Dining Faci.	lity				SF	14,116	172.98			
Elevated Wa	ter Storag	e Tank 1 EA			LS			(1,216)		
Total from	Continuati	on page						(918)		
SUPPORTING FA	CILITIES							4,790		
Electric Se	rvice				LS			(703)		
Water, Sewe:	r, Gas				LS			(470)		
Paving, Wal	ks, Curbs	And Gutters			LS			(1,681)		
Storm Drain	age				LS			(1,249)		
Site Imp(		( )			LS			(479)		
Information	Systems				LS			(208)		
ESTIMATED CON	TRACT COST							28,765		
CONTINGENCY P	ERCENT (5	.00%)						1,438		
SUBTOTAL								30,203		
SUPERVISION,	INSPECTION	S OVERHEAD	(6.	00%)				1,812		

10.Description of Proposed Construction
Construct a barracks complex. Project includes
living/sleeping rooms with private bath, walk-in closets, dayroom and storage.
Complex will include seven small, five medium, and one large company
administration and supply buildings, five small battalion headquarters with
classroom buildings, and one battalion size enlisted personnel dining
facility. Work includes upgrade of electrical substation and construct an
elevated water storage tank. Connect energy monitoring and control system
(EMCS). Supporting facilities include utilities; electric service; fire
protection and alarm systems; paving, walks, curbs and gutters; parking;
access roads; storm drainage; information systems; and site improvements.
Access for the handicapped will be provided in the administrative areas.
Heating will be provided by gas-fired units and air conditioning (750 tons) by
self-contained units.

11. REQUIREMENT: 11,443 PN ADEQUATE: 2,456 PN SUBSTANDARD: 8,987 PN PROJECT: Construct a barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)

32,015

32,000

(69)

2. DATE

TOTAL REQUEST

TOTAL REQUEST (ROUNDED)

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

1.COMPONENT			2.DATE	
FY 19 <u>94</u> MILITARY CO	NSTRUCTION PROJ	ECT DATA	AP	RIL 1993
3.INSTALLATION AND LOCATION	_			
Fort Campbell, Kentucky				
4.PROJECT TITLE	5.PROJECT	NUMBER  40217  Unit Cost COST (\$000)  48.14 (722) (93)		
Whole Barracks Renewal		40217		
9. COST ESTIMATES (CONTINUED)				
			Unit	Cost
Item	<u>U/M</u>	QTY	COST	<u>(\$000)</u>
PRIMARY FACILITY (CONTINUED)				
Substation	KV	15,000	48.14	(722
EMCS Connection	LS			(93
Building Information Systems	LS			(103
			Total	918

<u>REQUIREMENT:</u> This project is required to provide living/sleeping room with a private bath, walk-in closets, dayroom, and storage. Maximum utilization is 384 spaces. The intended utilization is 346 (El-E4) spaces and 19 (E5-E6) spaces.

CURRENT SITUATION: Soldiers are living in inadequate Korean-era barracks that do not provide the minimum net square footage required by current Army standards. The total number of unaccompanied enlisted personnel housing spaces required is 11,443 for Fort Campbell. Existing barracks provide only 2,456 spaces. Fort Campbell has no soldiers that are housed at the current standard barracks concept. Thirty-two of 40 battalions are in inadequate Korean-era barracks. These barracks have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that overflow into showers, hallways, and living quarters. These barracks do not have adequate security or adequate fire protection systems.

IMPACT IF NOT PROVIDED: If this project is not provided, single soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems; adequately sized utilities; safety/security components; and other features that provide security, privacy, and comfort for soldiers according to current Army standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DDD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

1.COMPONENT					2.DATE	
			FY 1994 MILITARY CONSTRUCTION PROJ	ECT DATA		
ARMY 3.INSTALLAT					APRI	L 1993
3.INSTALLAT	ION AN	D LOC	TION			
Fort Camp	bell,	Ken	tucky			
4.PROJECT T				5.PROJECT	NUMBER	
Whole Bar	racks	Ren	ewal		402	117
12. SUPP	LEMEN	TAT.	DATA:			
			Design Data:			
	(1)	Stat				
		(a)	Design Start Date		AUG	1992
		(b)				<b>3</b> 5
		(c)				100
		(d)	Design Complete Date	• • • • • • • • •	<u>SEP</u>	1993
	(2)	Basi	s:			
	(-/	(a)	Standard or Definitive Design - (YE	S/NO) N		
		(b)	Where Design Was Most Recently Used			
			-			
	(3)		1 Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$			000)
		(a)	Production of Plans and Specification			
		(b)				2,480
		(d)	-			17300
		(e)				2,480
		` '				
	(4)	Cons	truction Start			
					month &	year
в.	Equir	ment	associated with this project which	will be p	rovided fi	°OM
other a				De p	10.1464 11	. 020
				Fisc	al Year	
Equip	ment		Procuring	Appr	opriated	Cost
Nomen	clatu	ire	Appropriation	Or R	equested	(\$000)
Info Sy	s - 1	SC	OPA	199	4	69
				TO	TAL	69
				10		• • • • • • • • • • • • • • • • • • • •
•						
1						
i						

	F	Y 1994 MII	ITARY C	NSTRUCT	ON PROGE	MAS		2. D	ATE PRIL 1993
INSTALLATION AND LO	CATION	4. 00	MMAND						REA CONSTRUCTION OST INDEX
Fort Knox		US Army	Training	and Doo	trine Co	armand			
Kentucky									0.98
6. PERSONNEL STRENG	TH: PERMANE	ΝT	STUI	ENTS		SUP	PORTED		
•	OFFICER ENLIS								TOTAL
A. AS OF 30 SEP 199			642	4955	35	53	188	2383	21,054
B. END FY 1999	995 673	7 4347	562	6226	1	84	213	2726	21,891
A. TOTAL ACREAGE B. INVENTORY TOT C. AUTHORIZATION D. AUTHORIZATION E. AUTHORIZATION F. PLANNED IN NE G. REMAINING DEF	AL AS OF 30 SE  NOT YET IN INV  REQUESTED IN TH  INCLUDED IN TH  XT FOUR YEARS (  ICIENCY	09,225 AC P 1992 ENTORY HE FY 1994 E FY 1995 NEW MISSIC	PROGRAM. PROGRAM. ON ONLY).	1				0 41,350 31,200 0 17,204	
H. GRAND TOTAL							2,	302,862	
8. PROJECTS REQUEST		94 PROGRAM	1:						
CATEGORY PROJECT							ST		N STATUS
CODE NUMBER		JECT TITLE	2			(\$0	00)	START	COMPLETE
	Whole Barrack					2	5,000	01/199	2 12/1993
218 6895	Maintenance F	acility				1	2,200	11/199	0 01/1994
179 22332	Multipurpose	Training F	Range				4,150	04/199	2 06/1993
				TOT	T.	4	1,350		
<ol><li>FUTURE PROJECTS:</li></ol>									
CATEGORY							ST		
002.5		JECT TITLE	3			(\$0	00)		
A. INCLUDED IN									
442	Consolidated			1			7,900		
179 721	Multipurpose ' Barracks	iraining F	cange				4,300		
/21	Daltacks					1	9,000		
				TOT	T.	3	1,200		

1.	COMPONENT ARMY	FY 1994 MILITARY CONST	RUCTION PROGRAM	2. DATE APRIL 1993
	INSTALLATION	AND LOCATION: Fort Knox	Kentucky	
	Army ROTC Cadet Com	R FUNCTIONS: (CONTINUED) mand, USA Readiness Group Knox, Trai		
		Command, Logistical Assistance and P 5th Weather Squadron (USAF), USA NCC		
		egal Services Agency, AMC Logistic A		
		trict, Third Region, USACIDC, TRADOC		
		MDE Support Operation, Summer Traini		
	National Guard Trai	ning Support, Support of Civilian Co	mponents.	
_	11. OUTSTANDING POL	LUTION AND SAPETY DEFICIENCIES:		
			(\$000	
	A. AIR POLLUTIO			0
	B. WATER POLLUT	ton , sapety and health		0
	C. OCCUPATIONAL	SWELL WAS DEWILL		•

1.COMPONENT	T						2.DATE	
	FY 19	94 MILIT	ARY CONST	RUCTIO	N PR	OJECT DATA		
ARMY 3.INSTALLATION				L DDO YO			I A	PRIL 1993
	AND LOCATI	ION		4.PROJE	CT TI	TLE		
Fort Knox					_			
Kentucky			7			racks Rene		
5.PROGRAM ELEME	NT	6.CATEGORY CODE	/.PROJ	ECT NUME	BER	1	COST (\$00	
				Auth			25,	
85796A		721	1	3091 Approp			25,	000
			9.COST ES	THATES	_			
_		ITEM			U/M	QUANTITY	UNIT COST	(\$000)
PRIMARY FACI	LITY							20,622
Modernize 1	Modernize Barracks (5 EA)						70.20	(16,848
Arms Storage Facility						2,675	90.00	(241
Dining Facility						17,200	161.00	(2,769
EMCS Connec	ction				LS			(43
Asbestos Re	emoval				LS			(403
Total from	Continu	ation page						(318
SUPPORTING F	ACILITIE	ES						1,078
Electric Se					LS			(81
Paving, Wa.	lks, Cur	bs And Gutter	s		LS			(607
Storm Drain					LS			(68
Site Imp(	195) I	Demo()			LS			(195
Information	n System	ns			LS			(127
ESTIMATED CO	NTRACT (	COST						21,700
CONTINGENCY I	PERCENT	(10.0%)						2,170
SUBTOTAL								23,870
SUPERVISION,	INSPECT	TION & OVERHEA	D (6.0	08)				1,432
TOTAL REQUES	Т							25,302
TOTAL REQUES	T (ROUNI	DED)						25,000
INSTALLED EQ	UIPMENT-	OTHER APPROPR	RIATIONS					(4
10.Description of Pr	oposed Const	ruction Moder	nize five	barra	cks.	Project i	ncludes	

10.Description of Proposed Construction Modernize five barracks. Project includes living/sleeping rooms with private bath, walk-in closets, dayroom, laundry, and storage; interior utility upgrades; information systems; energy conservation measures; doors and windows; upgrade heating, ventilation, and air conditioning (HVAC) systems; exterior balconies; exterior insulated finish; and asbestos removal. Convert administrative space to living/sleeping space and convert existing dining hall to dayroom, laundry and mailroom space. Construct a standard-design dining facility and a separate consolidated arms storage building. Connect to the existing energy monitoring and control system (EMCS). Supporting facilities include parking (barracks and dining facilities), walks, storm drainage, recreational area, and site improvements. Air conditioning (586 tons) will be provided by a self-contained system.

11. REQUIREMENT: 3,238 PN ADEQUATE: NONE SUBSTANDARD: 4,387 PN PROJECT: Modernize five barracks and a dining hall to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to improve living quarters in five permanent party enlisted barracks constructed in the 1950s, upgrade living conditions, install energy conservation measures and provide needed

1.COMPONENT				2.DATE	
FY 19 <u>94</u> MILITARY	CONSTRUCTION PROJ	ECT DA	LY.	API	RIL 1993
3.INSTALLATION AND LOCATION					
Bank Warn Pankushu					
Fort Knox, Kentucky 4.PROJECT TITLE		5.PROJ	CT	NUMBER	
Whole Barracks Renewal				3(	091
					-
9. COST ESTIMATES (CONTINUED)				Unit	Cost
<u>Item</u>	<u>U/M</u>	<u>YTQ</u>		COST	(\$000)
PRIMARY FACILITY (CONTINUED)					
Picnic Shelters	EA		4	4,875	(20)
IDS Installation	LS				(10
Building Information Systems	LS				(288
				Total	318
REQUIREMENT: (CONTINUED)					

## REQUIREMENT: (CONTINUED)

conveniences. Current Army standards require barracks concept with individual room latrines. Locating administrative space and dining facilities in separate buildings from soldiers living area will be required. Upgrade of substandard conditions will contribute to the health, welfare and morale of the service members. The maximum utilization is 840 persons.

CURRENT SITUATION: Single soldiers are housed in buildings constructed for basic trainees, with central latrines and temporary walls dividing open bay space into two-person room configurations. The current barracks provide spaces for 556 personnel. Rusted and deteriorated steel windows do not provide adequate seal and have inefficient single panes. Steel window frame seepage causes interior moisture damage. Interior electrical and lighting is insufficient for needs. Building exteriors are uninsulated painted concrete blocks. Site grading contributes to ponding and slow water drainage.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to be housed in substandard facilities. Improvements in keeping with the Army's Installations of Excellence Program will not be provided and will directly affect the soldiers' morale.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). This project is not affected by proposed troop reductions at Fort Knox and is required based on a validated shortage of adequate housing at Fort Knox. An economic analysis has been prepared and utilized in evaluating this project. This project is the first increment of a plan to modernize barracks at the installation. Modernization of all permanent party barracks is scheduled to be completed by 2004.

1.COMPONENT	T				
	FY 1994	MILITARY CONSTRUCTION PR		2.DATE	
ARMY		MIDITARI CONSTRUCTION PR	OJECT DATA	à DD	77 1002
3.INSTALLATION A	ND LOCATION			APR	IL 1993
Fort Knox, Ke	ntucky				
ALTER TOMBOT.			5.PROJECT NO	MBER	
Whole Barrack	s Renewal				
				30	91
L2. SUPPLEME	NTAL DATA:				
	mated Design	Data:			
(1)	Status:				
	(a) Design	Start Date		JAN	1992
	(b) Percent (c) Percent	Complete As Of Ol January	93 (BDGT YR)	٠	35
	(d) Design	Complete As Of 01 October	93 (PROG YR)		100
	(d) Design	Complete Date	• • • • • • • • • • • • •	<u>DEC</u>	1993
(2)	Basis:				
	(a) Standar	d or Definitive Design - (	YES/NO) N		
	(b) Where D	esign Was Most Recently Us	ed		
(3)	Motol Desi-				
(3)	(a) Product:	Cost (c) = $(a)+(b)$ OR $(d)$	+(e):	(\$0	000)
	(b) All Other	ion of Plans and Specificat	tions		900
	(c) Total De	er Design Costsesign Cost			
	(d) Contract	E		—	1,440
	(e) In-house	9	· • • • • • • • • • • • • • • • • • • •	·· —	360
(4)	Construction	Start		APR	1994
				month &	year
B. Equip	ment associat	ed with this project which			
other approp	riations:	ed with this project which	will be pro	vided fr	om
•			Fiscal	Voar	
Equipment		Procuring		riated	Cost
Nomenclatu	re	Appropriation	Or Req		(\$000)
T-6- 0					3127
Info Sys - I	SC	OPA	1994		4
			TOTA	L	4

1.COMPONENT						. 20 5	2.DATE			
ARMY	FY 19 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	l a	PRIL 1993		
3. INSTALLATION AN	D LOCATION		•	4.PROJE	CT TI	LTE				
Fort Knox				l .						
Kentucky				Maint	tenance Facility					
5. PROGRAM ELEMENT	6.CAT	EGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)		
						Auth	12,	200		
85796A		218		6895		Approp	12,	200		
		9.0	COST EST	IMATES						
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)		
PRIMARY FACILITY								9,659		
Vehicle Maintenance Shop						67,164	100.37	(6,742)		
Hardstand/Ap	ron				SY	74,569	37.65	(2,808)		
IDS Installa	tion				LS			(20)		
EMCS Connect	ion				LS			(78)		
Building Inf	formation S	Systems			LS			(11)		
SUPPORTING FAC	ILITIES				<del>  </del>		-	1,255		
Electric Ser					Ls			(263)		
Water, Sewer	, Gas				LS			(176)		
Paving, Walk	s, Curbs,	And Gutter			LS			(189)		
Storm Draina	ıge				LS			(40)		
Site Imp(	414) Demo	80)			LS			(494)		
Information			LS			(93)				
ESTIMATED CONT	RACT COST	·			$\vdash$			10,914		
CONTINGENCY PE	ERCENT (5	.00%)						546		
SUBTOTAL	,	·						11,460		
SUPERVISION, 1	INSPECTION	SUPERVISION, INSPECTION & OVERHEAD (6.00%)						688		

io.Description of Proposed Construction

Construct a modified standard-design vehicle maintenance shop. Project includes hardstand for organizational vehicle parking, maintenance apron, open storage, and parking. Provide space for tracked and wheeled vehicle repair bays; paint booth; welding area; tool, tire, and battery rooms; machine shop; petroleum, oils, and lubricants (POL) separator; and administration area. Connect to energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include extension and connection of utilities to existing base supply system; sanitary sewer; storm drainage; paving, walks, curbs and gutters; access road; fencing; parking; fire sprinkler and alarm systems; information systems; and site improvements. Heating will be provided by a self-contained gas-fired system. Air conditioning (10 tons) will be provided in administrative areas. Mechanical ventilation: 300,000 CFM. Demolish six buildings (20,271 SF) within the footprint of this project.

11. REQUIREMENT: 693,993 SF ADEQUATE: 209,039 SF SUBSTANDARD: 348,575 SF PROJECT: Construct a modified standard-design vehicle maintenance shop. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 106

TOTAL REQUEST

TOTAL REQUEST (ROUNDED)

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

DD , FORM 1391

12,148

12,200

(44)

1.COMPONENT						2.DATE					
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT	DATA						
ARMY							APRIL 1993				
3. INSTALLATION AND	3.INSTALLATION AND LOCATION										
1											
Fort Knox, Ken	tucky										
4.PROJECT TITLE				5.	PROJECT	NUMBER					
				1							
Maintenance Fa	cility						6895				

REQUIREMENT: This project is required to provide the 12th Cavalry Training Regiment (formerly the 2d Armor Training Brigade) with an adequate facility to consolidate its maintenance effort. This facility will enable more efficient maintenance operations to adequately support repair and maintenance of systems currently being utilized and introduced to the US Army Armor Center, including 169 tracked vehicles and 183 wheeled vehicles.

CURRENT SITUATION: Currently the brigade's maintenance mission is performed in 11 temporary buildings and in part of a single permanent structure. These buildings are scattered around the post and are inadequate due to poor lighting, ventilation, sanitary, and security provisions. Spare parts are stored in a temporary building one mile from the maintenance operations. The splitting of shop functions and the movement of vehicles between the various maintenance locations causes loss of productivity, disrupts installation traffic, increases the potential of an accident, and causes damage to the road surfaces. The width and length of the existing vehicle maintenance bays are insufficient to support the Ml tank. As a result, many Ml maintenance activities require the dedication of two bays to meet the task. This results in inefficient scheduling of already limited shop facilities. Other specific M1 tasks such as the removing of the armor skirting and removal of the power pack must be conducted outside and are adversely affected by the elements. These two factors combined have resulted in 37 percent of the maintenance being conducted after normal duty hours or outside the building. There are 16 unoccupied temporary wooden structures within the footprint of the proposed project. These are beyond their useful life-span and are not economical to maintain. They need to be demolished at the start of the construction. The 11 temporary shop buildings will also be demolished, but at the end of the project.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance operations for the 12th Cavalry Training Regiment will continue to be degraded. Maintenance operations will continue in inadequate facilities fragmented throughout post. Unacceptable maintenance backlogs will continue to exist and only worsen with time. Space limitations will continue to force maintenance outside and create more after duty maintenance operations to occur. Safety hazards and lost production time associated with movement of tanks and other heavy combat vehicles will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. Consequently, a full economic analysis was not

DD 1 FORM 1391C

1.COMPONENT		FY 1994	MILIMADA COM	STRUCTION PROJE		.DATE	
ARMY	'	19 <u>94</u>	MILITARI CON	STRUCTION PROJE	CI DAIA	APRI	L 1993
3.INSTALLATION AN	ND LOCA	TION					
Fort Knox, Ker	ntuck	У			1 -		
4.PROJECT TITLE					5.PROJECT NU	MBER	
Maintenance Fa	acili	ty				689	5
ADDITIONAL:	(0)	NTINUED)					
performed.	(00	MIINOLDI					
12. SUPPLEMEN							
		Design 1	Data:				
(1)	Stati		Start Date			NOV	1990
				f 01 January 9			
				f 01 October 9			100
	(d)						
(2)	Basi	s:					
` '	(a)	Standar	d or Definitiv	e Design - (YE	S/NO) Y		
	(b)	Where De Fort Can	-	Recently Used			
(3)	Tota	l Design	Cost (c) = (a	)+(b) OR (d)+(	e):	(\$0	000)
	(a)	Product	ion of Plans a	nd Specification	ons		42
	(b)			s			758
	(C)		-	• • • • • • • • • • • • • •			800
	(d)						700
	(e)	In-hous	e				100
(4)	Cons	truction	Start			month &	
B. Equi	pment	associa	ted with this	project which	will be pro	ovided fr	com
other appro	priat	ions:			m/		
Emil			Procui			l Year priated	Cost
Equipment Nomenclat				riation		quested	(\$000)
Nomencia	ure		Approp	TIACION	OI Ke	quesceu	10007
IDS Equipme	nt		OPA		1994		22
Info Sys -	ISC		OPA		1994		22
					TOT	AL	44

.COMPONENT							-		2.DATE	
ARMY	FY 19	94	MILITARY	CONST	RUCTIO	N PR	OJECT D	ATA	λ.	RIL 1993
3.INSTALLATION A	ND LOCATI	ION			4.PROJE	CT TI	TLE			KID 1793
Fort Knox										
Kentucky					Multi	מדטמ	ose Tra	inir	g Range	
PROGRAM ELEMEN	т	6.CATEGORY	CODE	7.PROJ	ECT NUME				COST (\$00)	0)
				1			Auth		4.1	50
35796A	179 22332 Approp				4,150					
				COST EST					-,-	
· · · · · · · · · · · · · · · · · · ·		ITEM				U/M	QUANTIT	Y	UNIT	COST (\$000)
PRIMARY FACIL	ITY									3,428
Tank Trails & Roads						SY	47,	808	20.34	(972
AMTC Emplacements						EA	,	4	66,790	(26
Sta. Armor	Target	Emplacem	ent			EA		20	23,686	(47
Personnel S	ta Targ	et Empla	cement			EA		48	7,896	(379
Defilade Po	sitions					EA		6	24,663	(148
Total from	Continu	ation pa	ge							(1,188
SUPPORTING FA	CILITIE	es						$\neg$		310
Site Imp(	285) D	Demo(	19)			LS				(304
Information	System	ıs				LS		- 1		(10
Fuel Oil St	orage					LS				(2
ESTIMATED CON	TRACT C	COST						$\dashv$		3,74
CONTINGENCY F	ERCENT	(5.00%)						-		187
SUBTOTAL								- 1		3,93
SUPERVISION,		VO & NOI	ERHEAD	(6.0	0%)					23
TOTAL REQUEST	?									4,16
TOTAL REQUEST	•	•								4,15
INSTALLED EOU	T DMENTE-	OWITED 3D		TONG		1 1		- 1		(1,22

10.Description of Proposed Construction Modernize and upgrade Cedar Creek Tank Range to a Multi-Purpose Training Range (MPTR) with one lane (two firing trails). Primary facilities include all construction within the perimeter of the range complex and consist of 20 stationary and four armor moving targets, 64 stationary and 10 infantry moving targets, 64 infantry hostile fire simulators, eight defilade positions, control tower, general instruction building, renovate existing operations and storage building, latrine, ammunition breakdown building, bleacher enclosure, ammunition dock, covered mess, vehicular maintenance area, vehicular staging and parking area, electrical and data distribution systems, tank trails, target maintenance roads, limit markers, flagpole, storm drainage, fire protection and site improvements. Install an intrusion detection system (IDS). Heating and air conditioning (6 tons) for control tower and computer office (2 tons) will be provided by self-contained systems. Mechanical ventilation: 2,000 CFM. Supporting facilities include all construction outside the perimeter of the range complex and consist of upgrading the primary electrical service, security lighting and fencing, parking, access road, information systems, and site improvements. Cedar Creek Tank Range is located in a flood plain with an infrequent history of flooding. Demolish five buildings (2,614 SF) within the footprint of this project with

1.COMPONENT			2.DATE	
FY 1994 MILITARY CONSTRU	CTION PROJ	ECT DATA	2.DATE	
ARMY			AP	RIL 1993
3.INSTALLATION AND LOCATION				
Fort Knox, Kentucky				
4.PROJECT TITLE	- <del></del>	5.PROJECT	NUMBER	
Multipurpose Training Range			2	2332
. 9. COST ESTIMATES (CONTINUED)				
7. COST ESTIMATES (CONTINUED)			Unit	Cost
<u>Item</u>	U/M	QTY	COST	(\$000)
				17.557
PRIMARY FACILITY (CONTINUED)				
Primary & Secondary Electrical	LS			(503
Data Distribution	LS			(271
Limit Markers	EA	6	128.16	(1)
Control Building	SF	320	357.00	(114)
After Action Report Building	SF	800	68.75	(55
Latrines	SF	196	178.90	(35
Ammunition Dock	SF	1,800	27.22	(49
Storm Drain	LS			(151)
Landscaping	LS			(2)
IDS Installation	LS			(6)
Building Information Systems	LS			(1
			Total	1,188
asbestos removal. Dud clearance is required labor with no additional cost. Targetry to b Army (OPA).				
11. REQUIREMENT: 4 EA ADEQUATE: PROJECT: Modernize and upgrade Cedar Creek		SUBSTANDA		NONE
Training Range (MPTR). (Current Mission)	Tank Range	co a mui	ci Fuipo	se
REQUIREMENT: This project is required to p	rovide Act	ive Army	Pacarya	and
National Guard units with a light/heavy armo				
multiple realistic live-fire training scenar				
gunnery exercises using the established targ				
tank firing at the individual crew and secti				
integrate the infantry and armor target syst				vstem
(RETS) with the capability of training crews	in tank f	iring thr	ough Tan	k
Gunnery Evaluation Table X, Advanced Qualifi	cation Cou	rse. The	net resu	1t
would be the enhancement of crew skills prio				
Multi-Purpose Range Complex-Heavy (MPRC-H) a				
CURRENT SITUATION: There are no facilities				•
supporting current and future light/heavy ar				
training requirements for the Ml series tank				hicle
as required except the soon-to-be completed				
includes portal firing of the Bradley Fighti	ng Vehicle	. Also, t	here are	no
training facilities for attack helicopter ae	rial gunne	ry traini	ng. The	need is
currently being met through modified and deg				
standards of firing on existing tank ranges.	The comple	etion of	this pro	ject is
not adversely impacted by force reduction in	the Army.	This ran	ge will :	support

1.COMPONENT ARMY			12	. DATE
ARMY	FY 1994 1	MILITARY CONSTRUCTION PR		
				APRIL 1993
.INSTALLATION AN	LOCATION			
ort Knox, Ker	tucky			
.PROJECT TITLE			5. PROJECT NUM	BER
ultipurpose :	raining Range			22332
	ION: (CONTIN			a)
		d Officer (NCO) Advanced		
		der Certification Course Master Gunner Course (M		
		Advance Course - Reserv		
		aining (TCCAT), Pre-Comm		• •
		tion Unit Training (OSUT		CC), (HIMOI
MPACT IF NOT		this project is not pro		esent
		in combat arms technique	· · · · · · · · · · · · · · · · · · ·	
	-	of the Active Army, Army		
		Knox. The continuing of		
		signed training for Armo		
training with	n the Armor Sc	chool, and the readiness	training for	active duty
and reserve co	mponent deploy	able units. These variou	s units will	continue to
train with li	tle or no hope	of attaining the degree	of proficien	cy required
for combat.	•			
ADDITIONAL:		as been coordinated with		
		red physical security an		
		d. This project complies		
		onstruction Criteria, tha		
		Army's Architectural and		
		ed 9 December 1991, with ed in the Design Criteria		
		has been muchamed and u	stilinad in an	
(DCIS). An ec		has been prepared and u	ıtilized in ev	
(DCIS). An ec		s has been prepared and $v$	ıtilized in ev	
(DCIS). An eco project.	nomic analysis	s has been prepared and u	ıtilized in ev	
(DCIS). An eco project. 12. SUPPLEME	nomic analysis		tilized in ev	
(DCIS). An eco project. 12. SUPPLEME	nomic analysis		tilized in ev	
(DCIS). An eco project. 12. SUPPLEME A. Esti	onomic analysis <u>TAL DATA:</u> nated Design Da Status:			aluating this
(DCIS). An eco project. 12. SUPPLEME A. Esti	nomic analysis  TAL DATA: ated Design Da Status: (a) Design St.	ıta:		aluating this
(DCIS). An eco project. 12. SUPPLEME A. Esti	nomic analysis  TAL DATA: tated Design Da Status: (a) Design St. (b) Percent C	ata:		<u>APR 1992</u>
(DCIS). An eco project. 12. SUPPLEME A. Esti	TAL DATA: Lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C	nta: Cart Date	7 93 (BDGT YR) 2 93 (PROG YR)	APR 1992 60 100
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	TAL DATA: Lated Design Da Status: (a) Design St. (b) Percent C. (c) Percent C. (d) Design Co.	ata: Complete As Of 01 January Complete As Of 01 October	7 93 (BDGT YR) 2 93 (PROG YR)	APR 1992 60 100
(DCIS). An eco project. 12. SUPPLEME A. Esti	momic analysis  TAL DATA: Lated Design Da  Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis:	ata: cart Date complete As Of 01 January complete As Of 01 October omplete Date	7 93 (BDGT YR) 2 93 (PROG YR)	APR 1992 60 100
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	momic analysis  TAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis: (a) Standard	art Date	7 93 (BDGT YR) 2 93 (PROG YR) 2 YES/NO) N	APR 1992 60 100
DCIS). An ecoproject.  2. SUPPLEME: A. Esti: (1)	momic analysis  TAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis: (a) Standard	ata: cart Date complete As Of 01 January complete As Of 01 October omplete Date	7 93 (BDGT YR) 2 93 (PROG YR) 2 YES/NO) N	<u>APR 1992</u> <u>60</u> 100
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	TAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co Basis: (a) Standard (b) Where Des	art Date	7 93 (BDGT YR) 2 93 (PROG YR) 3 (YES/NO) N	APR 1992 60 100 DEC 1993
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	TAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis: (a) Standard (b) Where Des  Total Design C	cart Date	7 93 (BDGT YR) 2 93 (PROG YR) 2 YES/NO) N 3 sed	APR 1992 60 100 DEC 1993
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	momic analysis  TAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis: (a) Standard (b) Where Des  Total Design C (a) Productio	cart Date	7 93 (BDGT YR) 2 93 (PROG YR) 3 (YES/NO) N 3 sed 4 + (e):	APR 1992 60 100 DEC 1993
(DCIS). An ecoproject.  12. SUPPLEME: A. Esti: (1)	momic analysis  MIAL DATA: lated Design Da Status: (a) Design St. (b) Percent C (c) Percent C (d) Design Co  Basis: (a) Standard (b) Where Des  Total Design C (a) Productio (b) All Other	cart Date	(YES/NO) N sed	APR 1992 60 100 DEC 1993  (\$000) 207 125

COMPONENT	FY 19 <u>94</u>	MILITARY CONSTRUCTION PROJ	ECT DATA	2.DATE	
ARMY				APRI	IL 1993
.INSTALLATION AN	D LOCATION				
Fort Knox, Ken	itucky				
.PROJECT TITLE			5.PROJECT N	UMBER	
Multipurpose T	raining Range	2		223	332
2. SUPPLEMEN	TAL DATA: (Co	ontinued)			
		Data: (Continued)			
ii. Locia		2			83
	(-,			••• ——	
(4)	Construction	Start		MAY	1994
` '				month &	
					•
B. Equip	ment associat	ted with this project which	will be pr	ovided fr	rom
other approp			-		
			Fisca	al Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclatu	ire	Appropriation	Or Re	equested	(\$000)
2-Range Cont	rol Sta	OPA	1994	ł	63
4-Arm Mov Ta	r Sys	OPA	1994	ł	548
20-THMTG		OPA	1994	ł	90
10-Inf Mov T	ar Carr	OPA	1994	ł	67
64-Inf Tar M	lech	OPA	1994	4	90
64-Inf Hos F	ire Sim	OPA	1994	l l	175
24-Arm Tk Ki	11 Sim	OPA	1994	<del>l</del>	26
74-Night Muz	Fls Sim	OPA	1994	l l	17
74-Target 3-		OPA	1994	1	2
84-J Box Low		OPA	1994	Į.	1
24-Tar Instr		OPA	1994	Į.	41
Thermal View		OPA	1994	1	80
IDS Equipmen		OPA	1994		28
Info Sys - I	SC	OPA	1994	1	1
			TOT	PAL	1,229

PAGE NO. 112

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUTY	ORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Maryla	nd	Aberdeen Proving Ground (AMC)				115
	6792	Applied Instruction Facility		14,000	14,000	117
	17544	Target Assembly and Storage Facility		1,800	1,800	120
	29622	Upgrade Range Complex		4,450	4,450	124
		Subtotal For Aberdeen Proving Ground PART I	\$	20,250	20,250	
		* TOTAL MCA FOR Maryland	\$	20,250	20,250	

1. COMPONENT ARMY	'	Y 1994 MILITARY	CONSTRUCT:	ION PROGR	MA		2. D	
Arti							l A	PRIL 1993
B. INSTALLATION AND LO	CATION	4. COMMAND	)				5. A	REA CONSTRUCTION
								OST INDEX
Aberdeen Proving Gr	ound	US Army Mater	iel Commano	ì				
Maryland							1.	0.96
6. PERSONNEL STRENG			TUDENTS			PORTED		
A. AS OF 30 SEP 199		T CIVIL OFFICE						TOTAL
B. END FY 1999	472 167	0 0323 32		39 13	282 28	197 119	3118 2934	17,489
B. E. P. 1999	4/2 10/	9 3/91 20	15 2132	13	28	119	2934	13,453
		7. INVEN	TORY DATA	\$000)				
A. TOTAL ACREAGE		72,518 AC	•					
B. INVENTORY TOTAL	AL AS OF 30 SE	P 1992				1,	967,373	
C. AUTHORIZATION							0	
D. AUTHORIZATION							20,250	
E. AUTHORIZATION							11,400	
F. PLANNED IN NE							119,600	
G. REMAINING DEF							34,008	
H. GRAND TOTAL						2,	152,631	
8. PROJECTS REQUESTS	ED IN THE PY 19	94 PROGRAM:						
CATEGORY PROJECT					00:	ST	DESIG	N STATUS
CODE NUMBER	PRO	JECT TITLE			(\$0			COMPLETE
171 6792	Applied Instr	uction Facility			1	4,000	09/1990	0 10/1993
310 17544	Target Assemb	ly and Storage	Facility			1,800	08/1986	3 05/1993
371 29622	Upgrade Range	Complex				4,450	04/1992	2 08/1993
			TOTA	ı.	2	0,250		
9. FUTURE PROJECTS:								
CATEGORY					003			
CODE		JECT TITLE			(\$0	00)		
A. INCLUDED IN 1 317								
317	Secure Comput	ational Analysi	s Laborator	У	1.	1,400		
			тота	Ι.	,	1,400		
			.018			.,		
B. PLANNED NEXT	FOUR PROGRAM Y	EARS (NEW MISSI	ON ONLY):					
216		militarization			111	1,000		
216	Ammunition De	militarization :	Support			3,600		
			TOTA	L	119	600		
10. MISSION OR MAJOR	FUNCTIONS:							
The Aberdeen Are		Proving Ground	serves as t	he locat:	ion of	the		
installation headqua								
installation include	basic researc	h, testing and	evaluation	of ordna	nce and	1		

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION PROGRAM	1.2 5500
ARMY	- A STATE OF THE PROPERTY OF T	2. DATE APRIL 1993
INSTALLATION	N AND LOCATION: Aberdeen Proving Ground Maryland	
equipment, and the	R FUNCTIONS: (CONTINUED) training of military personnel in supply and maintenance of	
	ment. The Edgewood Area of Aberdeen Proving Ground provides opment in the chemical, biological, and radiological areas.	
11. OUTSTANDING POI	JUTION AND SAFETY DEFICIENCIES:	
		(000)
A. AIR POLLUTIO B. WATER POLLUT		0
	SAFETY AND HEALTH	0
		•
	t	
		,

1.COMPONENT							2.DATE				
	FY 19	9 <u>94                                   </u>	RY CONST	RUCTIO	N PR	OJECT DATA					
ARMY				_			AI AI	RIL 1993			
3.INSTALLATION A				4. PROJI	ECT TI	TLE					
Aberdeen Prov	ing Gro	ound									
Maryland						nstruction					
5.PROGRAM ELEMEN	<sup>rr</sup>	6.CATEGORY CODE	7.PROJ	ECT NUM	BER	1	COST (\$000	•			
			- 1			Auth	14,0				
85796A		171		6792		Approp	14,0	000			
		9	.COST EST	IMATES							
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)			
PRIMARY FACII	JITY							11,335			
Ground Support Equip. Bldg					SF	108,250	97.00	(10,500			
Hardstand F	_				SY	1,500	52.23	(78			
Street Realignment					LS			(659			
Building In	formati	on Systems			LS			(98			
SUPPORTING FA	CILITIE	S			1			1,202			
Electric Se	rvice				LS			(79			
Water, Sewe	r, & Ga	s			LS			(76			
Paving, Wal	.ks, Cur	bs & Gutters			LS	[		(311			
Storm Drain	age				LS			(270			
Site Imp(	412) I	emo()			LS			(412			
Information	System	ıs			LS			(54			
ESTIMATED CON	TRACT C	OST		-				12,537			
CONTINGENCY P	ERCENT	(5.00%)						627			
SUBTOTAL					1 1	l		13,164			
SUPERVISION,	INSPECT	ION & OVERHEAD	(6.0	0%)		-		790			
TOTAL REQUEST	1					i	i	13,954			
TOTAL REQUEST	(ROUNE	ED)				1		14,000			
INSTALLED EQU	IPMENT-	OTHER APPROPRIA	TIONS		1 1			(24			

10.Description of Proposed Construction Construct a general instruction training facility containing applied instruction shops and bays, training labs, secure hardstand training area, classrooms, administrative offices, instructors' preparation area, break area, lockers, tool and supply rooms, fire protection system, water recycle system, drainage with oil separation, hand and eye wash stations, variable lighting systems, vehicle exhaust systems, sound control and steam cleaning area. Supporting facilities include utilities, multi-phase electric service with grounding devices, fencing, fire protection and alarm systems, paving, walks, curbs and gutters, storm drainage, information systems, and site improvements. Heating and air conditioning (250 tons) will be provided by self-contained systems. Access for the handicapped will be provided in administration and classroom areas.

11. REQUIREMENT: 1,730,912 SF ADEQUATE: 845,273 SF SUBSTANDARD: 48,281 SF PROJECT: Construct a general instruction facility with applied instructional shops and bays. (Current Mission)

REQUIREMENT: This project is required to provide a consolidated training facility for basic and advanced courses on all quartermaster and chemical equipment. Sixty percent of the useable space in the facility is required for

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT					2.DATE
	FY 1994	MILITARY	CONSTRUCTION	PROJECT DATA	
ARMY					APRIL 1993
3. INSTALLATION AN	LOCATION				
Aberdeen Provi	ng Ground, Ma	aryland			
4.PROJECT TITLE				5.PROJECT	NUMBER
Applied Instru	ction Facili	tv			6792
ubblica insere	COLUMN TOTAL	-4			

REQUIREMENT: (CONTINUED)

shop bays and laboratories where hands-on training will be conducted. This project will support the average daily student load of 298 students and 61 instructors and staff personnel, requiring 11 classrooms at a total of 11,100 net square feet (13,403 Gross).

CURRENT SITUATION: Quartermaster and chemical equipment training is conducted in converted World War II company supply and shop buildings. Training is conducted for US Army Advanced Individual Training (AIT) students, Officer Basic and Advanced Courses, Warrant Officer Candidate and Warrant Officer Advanced courses, and all Non-Commissioned Officer (NCO) Professional Development courses. Lack of adequate space is the primary concern. The Erdlator (3,000 gallon per hour water purification unit) and the Reverse Osmosis Water Purification Unit (ROWPU) are both used for training and stored in the nearby fenced-in parking lot due to the lack of shop bay area. Inclement weather hampers training. The areas designated for training on the 400,000 BTU heaters, small engines, and smoke generators are overcrowded, creating safety hazards. Proper operational training and testing of smoke generators; chemical decontamination units; laundry and bath units; space heaters; and petroleum, oils and lubricants (POL) pump equipment is hindered by inadequate water supplies and drainage, environmental controls, and fire and safety provisions. This is due to proximity to the Aberdeen Proving Ground (APG) community center. Space constraints limit equipment in bays, causing much higher than optimum student-to-equipment ratios. Typical classrooms can hold only 19 students, compared with the average class size of 20 to 30 students for professional development courses. To alleviate overcrowding, office space has been converted to classrooms. When possible, double shifts are used to reduce class sizes, though there are no personnel authorizations to support the increased instructor requirements for double shift operations. IMPACT IF NOT PROVIDED: If this project is not provided, training will continue to be conducted in two shifts, in overcrowded, substandard and marginally safe facilities. Technical training on new, larger equipment will add to the overcrowding, and expanding programs for the steam cleaner, new laundry and bath units, the M17 decontamination apparatus, the 1059 smoke generator system, and the field bakery unit will be constrained. Because the professional development courses for higher ranking students share the current facilities, expansion of the existing Basic Non-commissioned Officer Course (BNCOC) and the Advanced Non-Commissioned Officer Course (ANCOC) quartermaster/chemical training will slow substantially. Ultimately, it will have a severe impact and adversely affect the Nuclear, Biological and Chemical readiness posture within the force structure. Outdoor training of major end items of quartermaster/chemical equipment is not as effective during weather extremes. In the summer, temperature extremes cost these courses about 200 hours of programmed training time.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism

. COMPONENT		2.DATE	
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	
ARMY		(	PRIL 1993
.INSTALLATION AN	D LOCATION		
Aberdeen Provi	ng Ground, Maryland		
.PROJECT TITLE		5.PROJECT NUMBER	
applied Instru	ction Facility		6792
DDITIONAL:	(CONTINUED)		
	es are included. This project complies wi	th the scope ar	d design
	DD 4270.1-M, Construction Criteria, that w		
	emented by the Army's Architectural and En		
	Criteria, dated 9 December 1991, with the		
ubsequent rev	risions included in the Design Criteria In	formation Custs	u all
DCICL An occ	resions included in the besign triteria in	itormation Syste	·
	onomic analysis has been prepared and util	ized in evaluat	ing this
roject.			
2 GUDDY THE	THE DAME		
	TAL DATA:		
	nated Design Data:		
(1)	Status:		
	(a) Design Start Date		
	(b) Percent Complete As Of 01 January 93		35
	(c) Percent Complete As Of 01 October 93		100
	(d) Design Complete Date	<u>C</u>	CT 1993
(2)	Basis:		
	(a) Standard or Definitive Design - (YES	/NO) N	
	(b) Where Design Was Most Recently Used		
	•		
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	1:	(\$000)
` '	(a) Production of Plans and Specification		
	(b) All Other Design Costs		270
	(c) Total Design Cost		970
	• •		
	• •		770
	(e) In-house	· · · · · · · · · · · · · · · · · · ·	200
		_	
(4)	Construction Start		
		month	& year
	ment associated with this project which w	ill be provided	from
other approp	riations:		
		Fiscal Year	
Equipment	Procuring	Appropriate	d Cost
Nomenclatu	re Appropriation	Or Requeste	d (\$000)
Info Sys - I	SC OPA	1994	24
		TOTAL	24
		_ 5 = 5 = 5	

ARMY	FY 1	9 <u>94</u> MILITAR	CONST	RUCTIO	n PR	DECT DATA	A	PRIL 1993_	
3.INSTALLATION AND	LOCAT	TION		4.PROJE	CT TI	LTB			
Aberdeen Provi									
Maryland	5 52			Targe	t As	sembly and	Storage	Facility	
5.PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUMB	ER	8.PROJECT	COST (\$00	0)	
			i			Auth		800	
65601A		310		17544		Approp	1,	1,800	
		9.	COST ES	rimates -					
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILI	TY							1,450	
Target Assem	bly B	uilding			SF	12,200	114.85	(1,401)	
IDS Installa	tion				LS			(7)	
Building Inf	ormat	ion Systems			LS			(42)	
SUPPORTING FAC	ILITI	ES	-			-		189	
Electric Ser					LS			(56)	
Water, Sewer	, Gas	<b>;</b>			LS			(67)	
		rbs, And Gutter			LS			(33)	
Storm Draina					LS			(7)	
Site Imp(		Demo( )			LS			(15)	
Information					LS			(11)	
	-								
ESTIMATED CONT	RACT	COST						1,639	
CONTINGENCY PE					1		]	82	
SUBTOTAL		(			l			1,721	
	NSPEC	CTION & OVERHEAD	(6.	00%)		i		103	
TOTAL REQUEST			•	•				1,824	
TOTAL REQUEST	(ROUN	(DED)						1,800	
		-OTHER APPROPRIA	TIONS					(77)	
							L		
10.Description of Prop		struction Constru	ct a c	ompartm	nenta	lized secu	re targe	t	
assembly and s	storaç	ge facility to in	clude	a machi	ne s	hop, targe	t assemb	λ,	
fabrication as	nd wel	lding area, mecha	nical	equipme	ent r	oom, fire	protecti	.on	
system, and su	apport	t areas with stor	age an	d admir	nistr	ative spac	es. Prov	ride	
frequent air	change	es and high effic	iency	particu	ılate	air filtr	ation fo	or	
machine shop a	and as	ssembly, fabricat	ion an	d weldi	ing a	rea. Insta	II an ir	trusion	
detection syst	tem (	IDS). Supporting	facili	ties in	clud	le utilitie	s, elect	ric	
service, exter	rior :	lighting, loading	dock,	water	stor	age tank,	security	rencing	
with entry con	ntrol	points, roads, p	aving,	fuels	stora	ge, storm	drainage	e,	
information sy	ystems	s, and site impro	vement	s. Acce	ess f	or the han	dicapped	will be	

11. REQUIREMENT: 12,200 SF ADEQUATE: NONE SUBSTANDARD: 9,793 SF PROJECT: Construct a compartmentalized secure target assembly and storage facility. (Current Mission)
REQUIREMENT: This project is urgently required to provide adequate, secure,

REQUIREMENT: This project is dispently required to provide adequate. See safe facilities for the fabrication, assembly, and storage of classified advanced armored targets. Materiel utilized in targets requires special

provided. Heating will be provided by a self-contained oil-fired unit. Air

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD 1 DEC 76 1391

2.DATE

conditioning: 60 tons.

1.COMPONENT

1.COMPONENT					2.DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION PROJE	CT DATA	
ARMY	L				APRIL 1993
3.INSTALLATION AN	D LOCATION				
Aberdeen Provi	ng Ground, Ma	ryland			
4.PROJECT TITLE				5.PROJECT N	IUMBER
L	1.01				
Target Assembl	y and Storage	racility			17544
DEOUT DEMENT	(COMMINUED)				
REQUIREMENT:					
and accombly t	rocedures and	support e	quipment during ma onmental requireme	chining,	fabrication
materials and	technique ar	and envii	ed and require sec	ents. Targ	jets,
Accombly and o	torage facili	tw must be	close to a firing	ure racii	ities.
nurnoses and m	wet provide f	or safe an	d secure storage,	range ic	or test
assessment of	targets after	tests Ra	pid advances in ar	mor tochr	ologie make
this facility	a continued n	ecessity	pro devances in ai	mor cecim	lorogy make
CURRENT SITUAT			assembly facilitie	es are hou	sed in four
		fabricated	buildings are use	d for nor	mal duty hour
component asse	mbly. An eart!	hen bunker	provides temporar	v visual	shielding of
completed targ	et assemblies	and a sma	ll block building,	which ha	s been
upgraded, is i	ntended for o	vernight s	torage of special	access (S	SAP) targets.
The advent of	depleted uran	ium armor	for Army combat ve	hicles ha	s expanded the
Armored System	s Modernizatio	on (ASM) P	lan testing effort	s to incl	.ude
integration of	the depleted	uranium w	ith other technolo	gies such	as glass and
ceramics. The	two prefabrica	ated build	ings and the bunke	r cannot	be used for
this purpose b	ecause of safe	ety and en	vironmental protec	tion cons	iderations.
This leaves th	e small block	building	as the only facili	ty in whi	ch these
activities can	take place.	The small	size of this build	ling prohi	bits the
meeting of ASM	milestones. I	For instan	ce, the area is no	t large e	nough to
accept a full	M1 turret nor	the front	al armor sections	of the ne	w Block III
tank. In addit	ion, since al.	l targets	are fired at with	rounds ma	de of depleted
uranium, they	become contami	inated and	must be returned	to this o	ne undersized
building for a	isassembiy and	a analysis	. Attempting to ac	complish	all these
hoalth cafety	urcaneously in	n the spac	e-restricted block	bullding	poses undue
storage and th	e need to tra	ar, and so	heduling problems. other test materi	rurtner,	lack of
			d material. On sev		
operations had	to be stopped	to corre	ct Class 2 environ	mental vi	olations The
facility was s	hutdown betwee	en 13-19 N	ovember 1991 in or	der to de	contaminate
the walls, flo	ors, and other	r surfaces	of the block buil	ding to a	cceptable
levels for the	personnel. Fr	rom 5-8 Ma	y 1991, operations	were cur	tailed while
personnel deco	ntaminated and	d containe	d surface soil. Bo	th of the	se incidents
could have bee	n avoided in a	a facility	which can properl	y isolate	these
activities and	by having app	propriate	ventilation and fi	ltration.	None of these
four buildings	can be effect	tively mod	ified to meet thes	e require	ments.
IMPACT IF NOT	PROVIDED: If	f this pro	ject is not provid	ed, ASM p	rogram
	armor develor	ment cann	ot be met. The Bal	listic Re	search
Laboratory (BR	L) is the only	y governme	nt organization cl	eared to	conduct
"need-to-know"	only R&D on d	depleted u	ranium armor. All	M1A1 beav	y armor
			L under minimum he		
environmental	requirements.	These sca	ttered facilities	continue	to be shut
down as additi	onal health, s	safety, an	d environmental is	sues surf	ace and remain
snut down unti	I corrective a	action is	taken. The BRL's R	&D effort	s for the ASM

1.COMPONENT												T	2.DATE
		FY 1994	M.	ILIT	ARY (	CONS	STRU	CTIO	N PRO	JEC:	T DATA		
ARMY													APRIL 1993
3.INSTALLATIO	N AND LOCA	ATION											
Aberdeen P	roving G	round, M	Mary.	land									
4.PROJECT TIT	PE									5	. PROJECT	r NU	MBER
Target Ass	embly an	d Storag	ge Fa	acil	ity								17544
IMPACT IF	NOT PROV	IDED:	(C	ONTI	NUED	))							
Plan requi	re the c	onsolida	atio	n of	sca	tte	red	faci	litie	s o	perati	ng	within a
well-design	ned, int	egrated	fac	ilit	у.								
ADDITIONAL	_ This	project	t has	s be	en c	coord	dina	ted	with	the	insta	112	ation physical
security p	lan, and	no phys	sica	1 se	curi	ty a	and/	or c	ombat	tin	g terr	ori	ism (CBT/T)
measures a	re requi	red. Thi	is p	roje	ct c	omp.	lies	wit	h the	sc	ope an	ıd o	design
criteria o	E DOD 42	70.1-M,	"Co	nstr	ucti	on (	Crit	eria	, " th	at	were i	n e	effect 1
January 19	87, as i	mplement	ted 1	by t	he A	rmy	's A	rchi	tectu	ral	and E	ingi	ineering
Instruction	n (AEI),	"Design	n Cr	iter	ia,"	dat	ted	9 De	cembe	r 1	991, w	itl	h the 8 July
1992 and a	ll subse	quent re	evis	ions	inc	lude	ed i	n th	e Des	ign	Crite	ria	a Information
System (DC:	IS). Alt	ernative	e me	thod	ls of	mee	etin	g th	is re	qui	rement	ha	ave been
													asible option
to meet the	e reguir	ement.		-			-	-			-		-
	-												
12. SUPPL	EMENTAL	DATA:											
		Design	Dat	a:									
ı	1) Stat	-											
· ·	(a)	Design	Sta	rt D	ate.								AUG 1988
	(b)												)35
	(c)												)100
	(d)												MAY 1993
	` '	•		•									
(	2) Basi	s:											
·	(a)	Standar	rd o	r De	fini	tive	e De	sigr	1 - (Y	ES/	и (ои		
		Where D						-	•		- •		
l	<b>\-</b> /			· · · · ·					1				
(	3) Tota	l Design	n Co	st (	c) =	= (a	)+(b	) OF	(d)+	-(e)	:		(\$000)
,	(a)	-											90
1	(b)												55
ŀ	(c)	Total D											
	(d)	Contrac		-									
	(e)	In-hous											45
	(0)	In nout	JC			• • • •						• •	···
l ,	4) Cons	truction	n St	art									DEC 1993
i '	-, comb	400201										٠.	month & year
I													
I													

1.COMPONENT						2.DATE
i i	FY 1994	MILITARY	CONSTRUCTION	PROJECT	DATA	1
ARMY						APRIL 1993
3. INSTALLATION AND LO	CATION					
Aberdeen Proving	Ground, Ma	ryland				
4.PROJECT TITLE	•			5.8	ROJECT N	NUMBER
						1
Target Assembly a	nd Storage	Facility				17544

SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
IDS Equipment	RDT&E	1995	14
User Equip	RDT&E	1995	12
Info Sys - ISC	OPA	1995	9
Info Sys - PROP	OPA	1995	42
		TOTAL	77

1.COMPONENT							2.DATE	
ARMY	FY 19 <u>94</u>	MILITAR	Y CONSI	RUCTIO	N PR	DJECT DATA		PRIL 1993
3.INSTALLATION AN	D LOCATION			4.PROJE	CT TI	LTE		
Aberdeen Provi	ng Ground							
Maryland				Upgra	de R	ange Compl	ex	
5.PROGRAM ELEMENT	6.CAT	EGORY CODE	7. PROJ	BCT NUME	ER	8.PROJECT	COST (\$00	0)
	i					Auth	4,	450
65601A		371	29622 Approp				4,	450
		9.	COST EST	IMATES				
	:	ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY							3,492
Range Comple	×				LS			(3,335)
IDS Installation								(55)
Building Information Systems					LS			(102)
SUPPORTING FAC								509
Electric Ser	rvice				LS			(268)
Site Imp(		5)			LS			(5)
Information	Systems				LS			(236)
ESTIMATED CONT								4,001
CONTINGENCY PE	ERCENT (5.	00%)			1 1			200
SUBTOTAL								4,201
SUPERVISION, 1	NSPECTION	& OVERHEAD	(6.0	0%)				252
TOTAL REQUEST								4,453
TOTAL REQUEST INSTALLED EQUI								4,450 (1,396)

10.Description of Proposed Construction Modernize a live-fire vulnerability range complex. Primary facilities include all construction within the perimeter of the range complex and consist of a secure, sheltered range support building, uploaded vehicle storage building, two ammunition storage igloos, fire suppression deluge system, all-weather range access roads, paving, storm drainage, parking, environmental pads to contain fuel and lubricant spills, security fencing and lighting, and site improvements including dud clearance. Features include upgrading seven existing test positions; installing an intrusion detection system (IDS); providing a range support building with an overhead crane; protecting parking areas from test blast and fragmentation; providing an alarmed arms storage room, tool storage, security surveillance area, and break and latrine facilities. Heating will be provided by an oil-fired self-contained system. Air conditioning (25 tons) will be provided by a self-contained unit. Supporting facilities include facilities outside the range complex perimeter and consist of electric service, information systems, and site improvements. Demolish one building (1,080 SF) within the footprint. Targetry will be funded by Research, Development, Testing and Evaluation (RDT&E).

1.COMPONENT						2.DATE	٦
Ì	FY 19 <u>94</u>	MILITARY CO	ONSTRUCT	ON PRO	JECT DATA		
ARMY						APRIL 1993	
3.INSTALLATION AND	LOCATION						٦
Aberdeen Provi	ng Ground, M	aryland		_			
4.PROJECT TITLE					5.PROJECT N	NUMBER	٦
							1
Upgrade Range	Complex					29622	
							7
11. REOUIREME	NT:	1 EA ADEQUATI	E: 1	ONE	SUBSTANDAR	RD: 1 EA	ı
PROJECT: Mode						rrent Mission)	ı
						nerability and	
survivahility							ı

components prior to full production as mandated by Public Law 99-661. Previous vulnerability testing on combat vehicles evaluated only the ability of the armor to meet specifications. Live-fire testing provides critical data by subjecting weapons systems to realistic enemy threats. Testing evaluates battlefield survivability and considers all issues such as crew casualties, fire, ballistic shock, and battlefield damage repair. These issues affect every aspect of system vulnerability including fire control, armor integrity, mobility, logistics supportability, and maintenance. Additionally, the changes in the design of combat systems resulting from live-fire testing must be re-tested. Consequently, range improvements are required to permit such testing to be conducted properly, in an efficient, environmentally acceptable and timely manner, while minimizing post-test losses (e.g., from fire or secondary explosions) to costly items under test. <u>CURRENT SITUATION:</u> Live fire vulnerability and survivability testing has been conducted at Aberdeen Proving Ground since 1987 as a result of the Congressional mandate. The initial program to undergo this testing was the M2 Bradley Fighting Vehicle. Currently testing is being conducted on the Paladin, HOMS, and M830E. Scheduled tests include the M1A2, Search and Destroy Armor Munition (SADARM), and Armored Gun Systems. The Poverty Island range complex consists of seven separate test positions connected by gravel roadways. Electrical service is inadequate throughout the complex, and portable generators and lighting are routinely used to support test programs. Instrumentation, storage, and office support functions are housed in makeshift shacks and mobile trailers and are shielded from blast and fragmentation by makeshift shielding. Ammunition and small arms are stored at remote sites and must be kept temporarily in a holding box monitored by a security guard. Fire suppression systems exist at only two of the seven test positions and consist of water storage tanks supplied by truck. Lack of facilities do not allow full time security surveillance or control to be maintained within the complex. IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to keep pace with the live-fire vulnerability and survivability test workload mandated by Congress nor provide the broad spectrum of complex tests required to support the expanding test mission. Delays in testing and inability to obtain certain test data or to extinguish test fires will have adverse impacts on systems milestones or result in the loss of millions of dollars of test assets. Additionally, live-fire vulnerability results will not be available to support strategies to ensure battlefield sustainability. <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design

1.COMPONENT			2.DA	re
,, John Gridita		FY 1994 MILITARY CONSTRUCTION PROJE		
ARMY				APRIL 1993
3.INSTALLATION A	ND LOCA	TION		
Aberdeen Prov	ring G	round, Maryland		
A.PROJECT TITLE			5.PROJECT NUMBER	
Upgrade Range	Comp	lex		29622
		NOTATION I		
ADDITIONAL:		NTINUED) 70.1-M, Construction Criteria, that w	ere in effect	1 January
criteria of L	000 42	ed by the Army's Architectural and En	gineering Inc	tructions
1987, as impi	crit	eria, dated 9 December 1991, with the	8 July 1992	and all
(AEI), Desigi	n Crit	ns included in the Design Criteria In	formation Sys	tem
subsequent re	enativ	e methods of meeting this requirement	have been ex	plored
during project	thativ	elopment. This project is the only fe	asible option	to meet
the requireme		cropment. Into project to the only re		
cue redurreme				
12. SUPPLEM	ENTAL	DATA:		
		Design Data:		
(1)		<del>-</del>		
<b>\</b> -/	(a)	Design Start Date		APR 1992
	(b)	Percent Complete As Of 01 January 93	(BDGT YR)	35
	(c)	Percent Complete As Of 01 October 93	(PROG YR)	100
	(d)	Design Complete Date		AUG 1993
423	Basi			
(2)	(a)		S (NO) N	
	(b)	Tall and a	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	(2)	mere beergn was need needening elec-		
(3)	Tota	al Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$	e):	(\$000)
(3)	(a)	Production of Plans and Specification		
	(b)			
	(c)	Total Design Cost		
	(a)	Contract		361
	(e)	In-house		519
	_			TIM 1004
(4)	Con	struction Start		nth & year
	· · ·		will be provi	ded from
B. Equ other appr		t associated with this project which	will be broat	GCG IIOM
other appr	opiia	LIQUS.	Fiscal Y	ear
Equipmen	+	Procuring	Appropri	
Nomencla		Appropriation	Or Reque	
Nomencia	Jule			
IDS Equipm	ent	OPA	1994	1
Ballistic		RDT&E	1994	9
Cmd & Cntr		RDT&E	1994	2
Cabling		RDT&E	1994	
-	ISC	OPA	1994	

TOTAL

1,396

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUT	HORIZATION API	PROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
					<del></del>	
Missour		Fort Leonard Wood (TRADOC)				129
	13576	Operations Facility		1,000	1,000	131
		Subtotal For Fort Leonard Wood PART I	\$	1,000	1,000	
		* TOTAL MCA FOR Missouri	\$	1,000	1,000	

OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICE  A. AS OF 30 SEP 1992 733 4967 2150 541 9298 98 1  B. END FY 1999 597 3800 2134 402 9063 0 1  7. INVENTORY DATA (\$000)  A. TOTAL ACREAGE	SUPPORTED  SR ENLIST C  1, 57  3 20	COS  2796  2796  2796  358,388 0 1,000 23,550 0 25,000 607,938  DESIGN START	CONSTRUCTION ST INDEX  0.96  OTAL 20,657 18,825  STATUS COMPLETE 09/1993
Missouri  6. PERSONNEL STRENTIH: PERMANENT STUDENTS  OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICE A. AS OF 30 SEP 1992 733 4967 2150 541 9298 98 1 B. END FY 1999 597 3800 2134 402 9063 0 1  7. INVENTORY DATA (\$000) A. TOTAL ACREAGE	SUPPORTED  OR ENLIST C  1, 57  13 20	2796 2796 358,388 0 1,000 23,550 0 25,000 607,938 DESIGN START	20,657 18,825 18,825 STATUS COMPLETE
OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICE A. AS OF 30 SEP 1992 733 4967 2150 541 9298 98 1 B. END FY 1999 597 3800 2134 402 9063 0 1  7. INVENTORY DATA (\$000) A. TOTAL ACREAGE	ER ENLIST C. 17 57 13 20	2796 2796 358,388 0 1,000 23,550 0 25,000 607,938 DESIGN START	20,657 18,825 STATUS COMPLETE
A. AS OF 30 SEP 1992 733 4967 2150 541 9298 98 1 B. END FY 1999 597 3800 2134 402 9063 0 1  7. INVENTORY DATA (\$000) A. TOTAL ACREAGE	17 57 13 20 	2796 2796 358,388 0 1,000 23,550 0 25,000 607,938 DESIGN START	20,657 18,825 STATUS COMPLETE
B. END FY 1999 597 3800 2134 402 9063 0 1  7. INVENTORY DATA (\$000)  A. TOTAL ACRENCE	1,4:	2796  59,388 0 1,000 23,550 0 25,000 07,938  DESIGN START	18,825 STATUS COMPLETE
7. INVENTORY DATA (\$000)  A. TOTAL ACRENGE		0 1,000 23,550 0 25,000 607,938 DESIGN	STATUS COMPLETE
A. TOTAL ACRENGE	00ST (\$000) 1,000	0 1,000 23,550 0 25,000 507,938 DESIGN START	COMPLETE
B. INVENTORY TOTAL AS OF 30 SEP 1992.  C. AUTHORIZATION NOT YET IN INVENTORY.  D. AUTHORIZATION REQUESTED IN THE FY 1994 PROGRAM.  E. AUTHORIZATION INCLUDED IN THE FY 1995 PROGRAM.  F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).  G. REMAINING DEFICIENCY.  H. GRAND TOTAL.  8. PROJECTS REQUESTED IN THE PY 1994 PROGRAM:  CATEGORY PROJECT  CODE NUMBER PROJECT TITLE  141 13576 Operations Facility  TOTAL	00ST (\$000) 1,000	0 1,000 23,550 0 25,000 507,938 DESIGN START	COMPLETE
C. AUTHORIZATION NOT YET IN INVENTORY.  D. AUTHORIZATION REQUESTED IN THE FY 1994 PROGRAM.  E. AUTHORIZATION INCLUDED IN THE FY 1995 PROGRAM.  P. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).  G. REMAINING DEFICIENCY.  H. GRAND TOTAL.  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM:  CATEGORY PROJECT  CODE NUMBER PROJECT TITLE  141 13576 Operations Facility  TOTAL	00ST (\$000) 1,000	0 1,000 23,550 0 25,000 507,938 DESIGN START	COMPLETE
D. AUTHORIZATION REQUESTED IN THE FY 1994 PROGRAM.  E. AUTHORIZATION INCLUDED IN THE FY 1995 PROGRAM.  F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).  G. REMAINING DEFICIENCY.  H. GRAND TOTAL.  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE  141 13576 Operations Facility  TOTAL	00ST (\$000) 1,000	1,000 23,550 0 25,000 607,938 DESIGN START	COMPLETE
E. AUTHORIZATION INCLUDED IN THE FY 1995 PROGRAM.  P. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).  G. REMAINING DEFICIENCY.  H. GRAND TOTAL.  8. PROJECTS REDUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility  TOTAL	1,5	23,550 0 25,000 607,938 DESIGN START	COMPLETE
P. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).  G. REMAINING DEFICIENCY  H. GRAND TOTAL  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility  TOTAL	1,5	0 25,000 507,938 DESIGN START	COMPLETE
G. REMAINING DEFICIENCY H. GRAND TOTAL.  8. PROJECTS REQUESTED IN THE PY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility  TOTAL	OST (\$000)	25,000 507,938 DESIGN START	COMPLETE
H. GRAND TOTAL.  8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CATEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility TOTAL	OST (\$000)	DESIGN START	COMPLETE
8. PROJECTS REQUESTED IN THE FY 1994 PROGRAM: CNTEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility TOTAL	OST (\$000) 1,000	DESIGN START	COMPLETE
CATEGORY PROJECT CODE NUMBER PROJECT TITLE 141 13576 Operations Facility TOTAL	(\$000) 1,000	START	COMPLETE
CODE NUMBER PROJECT TITLE 141 13576 Operations Facility TOTAL	(\$000) 1,000	START	COMPLETE
141 13576 Operations Facility TOTAL	1,000		
TOTAL		03/1992	09/1993
	1,000		
9. FUTURE PROJECTS:			
9. FUTURE PROJECTS:			
CATEGORY	COST		
	(\$000)		
A. INCLUDED IN THE FY 1995 PROGRAM:			
826 Air Condition Barracks 179 Military Operations in Urbanized Terrain	9,100 9,800		
• • • • • • • • • • • • • • • • • • • •	1,600		
216 Ammunition Operations Facility 179 Engineer Qualification Range	3,050		
115 Engineer quarriteactor range	3,030		
TOTAL	23,550		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			
10. MISSION OR MAJOR FUNCTIONS: Provides support and facilities for a US Army Training Center, US A Engineer School, US Army Reception Station, Noncomissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and comba support forces and other tenant activities. Supports Reserve Components other satellited activities and units.	at		

1. COMPONENT	PY 1994 HILITARY CONSTRUCT	TON PROGRAM	2. DATE
ARMY			APRIL 1993
	<u> </u>		
INSTALLATION	AND LOCATION: Fort Leonard Wood	Missouri	
11. OUTSTANDING POL	LUTION AND SAPETY DEFICIENCIES:		
11. OUTSTANDING POLICE A. AIR POLLUTION		(\$000	
B. WATER POLLUT			o o
	SAPETY AND HEALTH		0

1.COMPONENT								2.DATE	
	FY 1:	994	MILITARY	CONST	RUCTIO	N PRO	JECT DATA		
ARMY								A	PRIL 1993
3. INSTALLATION AN		ION			4.PROJE	CT TI	LLE		
Fort Leonard W	lood								
Missouri							Facility		
5.PROGRAM ELEMENT		6.CA	TEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	• • •	•
							Auth		000
91520A			141		13576		VbbLob	1,	000
			9.0	OST EST	IMATES				
			ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	YT								725
CIDC Buildir	ng					SF	6,403	103.96	(666)
IDS Installa	ation					LS			(1)
Building Inf	format	ion	Systems			LS			(58)
SUPPORTING FAC	CILITI	ES							177
Electric Ser	rvice					LS			(48)
Water, Sewer	r, Gas					LS			(7)
Paving, Walk	ts, Cu	rbs	And Gutters			LS			(50)
Storm Draina	ige					LS			(5)
Site Imp(	50)	Demo	·( )			LS			(50)
Information	Syste	ns				LS			(17)
ESTIMATED CONT						1 1	I		902
CONTINGENCY PE	ERCENT	( 5	.00%)						45
SUBTOTAL									947
SUPERVISION, I	(NSPEC	TION	& OVERHEAD	(6.0	08)				57
TOTAL REQUEST							1		1,004
TOTAL REQUEST	•						1		1,000
INSTALLED EQUI	[PMENT	-OTH	ER APPROPRIATI	IONS					(50)
10 Description of Prop	oneed Cone	tructio	On Constant		3: 6: - 3			0-1-1	1

Investigations Division Command (CIDC) field operations building. Work includes administrative space; a polygraph suite; secured evidence repository; suspect isolation areas; duty agent suite; observation and interview areas; photo identification and fingerprint room; issue supply area; property and supply storage; and maintenance areas. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; sprinkler, fire protection and alarm systems; paving, walks, curbs and gutters; fencing; storm drainage; storm sewer outfall line; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (10 tons) will be provided by self-contained systems.

11. REQUIREMENT: 6,403 SF ADEQUATE: NONE SUBSTANDARD: 12,604 SF PROJECT: Construct a modified standard-design CIDC specialized field operations building. (Current Mission)

REQUIREMENT: This project is required to provide adequate operating facilities, under one roof, for the 11 personnel in a field office of the US

Army Criminal Investigation Command. This organization requires a facility

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD 1 PORM 1391

1.COMPONENT				2.DATE
ARMY	FY 19 <u>94</u>	MILITARY CONSTRUCT	ION PROJECT DATA	APRIL 1993
3.INSTALLATION AND	LOCATION			
Fort Leonard W	ood, Missouri	i		
4.PROJECT TITLE			5. PROJECT N	MBER
Operations Fac	ility			13576
depository, to can properly s be scheduled f CURRENT SITUAT (USACIDC), a s mobilization-t are in advance lack of adequa interview and increasingly d	perform its atisfy the real real real real real real real rea	, such as a polygrap mission. No facilit equirement, and the n. ort Leonard Wood Res nt activity, current s and an 800 SF ammu ion, and operation a space for a polygra areas required for C may cold and drafty, a s cold and drafty, a	ies on or off the currently-used bui ident Agency, US A ly occupies two senition bunker. The nd maintenance are ph suite, evidence IDC operations has I investigations m	installation Idings need to  rmy CIDC ni-permanent facilities costly. The room, and an ission. During
		s cold and draity, a l wiring needs total		are subject

IMPACT IF NOT PROVIDED: If this project is not provided, the two buildings housing CIDC will continue to deteriorate. Investigations will not be completed in a timely manner. Agents will be required to spend extra time insuring proper separation of victims, witnesses, and suspects. The probability of potential witnesses being identified will continue and will increase the likelihood that vital information will be withheld because confidentiality cannot be assured. Operational efficiency will continue to suffer because major activities are located where space permits rather than where functional responsibilities direct. Extra time will be necessary to eliminate environmental factors on polygraph results. Present conditions will continue to create poor morale, decrease productivity, and hamper the criminal investigative mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

### 12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

Stat	us:	
(a)	Design Start Date	MAR 1992
(b)	Percent Complete As Of 01 January 93 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 93 (PROG YR)	100
(d)	Design Complete Date	SEP 1993

1.COMPONENT							2.DATE	
ARMY		FY 19 <u>94</u>	MILIT	ARY CONSTI	RUCTION PROJI	ECT DATA		1000
3. INSTALLATION	AND LOCA	ATION					APK.	IL 1993
Fort Leonard	d Wood,	Missour	i					
4.PROJECT TITL				7		5.PROJECT N	UMBER	
Operations 1	Facilit	.у					135	576
12. SUPPLEM	MENTO S T	DATA: (C		a.				
				a) Continued	,			
n. Da	CIMALEG	. Design	Daca. (	concinded	,			
(2)	) Basi	.s:						
	(a)	Standar	d or De	finitive D	Design - (YE	S/NO) N		
	(b)	Where D	esign W	as Most Re	ecently Used			
(3)	. mata	l Danies	O /		(L) OD (3) (4			
(3)	) 10ta (a)				b) OR (d)+(d) Specification			000) 50
	(b)							30
	(c)							80
	(a)							60
	(e)							20
(4)	) Cons	truction	Start.					
							month &	year
B. Equ	uipment	associa	ted wit	h this pro	oject which w	will be pr	ovided fi	ron
other appi				•	•			
						Fisca	l Year	
Equipmen				Procuring	<del>-</del>		priated	Cost
Nomencla	ature			Appropria	ation	Or Re	quested	(\$000)
IDS Equips	mont			OPA		1993		39
Info Sys				OPA		1993		11
2.120 070	100			0111		1334		11
						тот	AL	50
							,	

STATE		INSTALLATION (COMMAND)			
	PROJECT		AUTHORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	PAGE
Nevada		No. about a bound of the second			
revaua		Hawthorne Army Ammunition Plant (AMC)			137
	40708	Container Holding Pads	7,000	7,000	139
		Subtotal For Hawthorne Army Ammunition Plant PART I	\$ 7,000	7,000	
		* TOTAL MCA FOR Nevada	\$ 7,000	7,000	

ARMY						AP	RIL 1993
INSTALLATION AND	LOCATION	4. COMMAND					EA CONSTRUCTION ST INDEX
Hawthorne Army Am Nevada	munition Plant	US Army Materie	1 Command				1.17
6. PERSONNEL STREE	NGTH: PERMAN	ENT STU	DENTS		SUPPORTE	)	
		ST CIVIL OFFICER					OTAL
A. AS OF 30 SEP 19 B. END FY 1999	992 3	0 32 0	0	0	1 3	766	805
B. END FY 1999		0 48 0	0	0	1 3	768	823
		7. INVENTO	RY DATA (\$0	000)			
A. TOTAL ACREA		144,831 AC					
		EP 1992				907,909	
		VENTORY				0	
		THE FY 1994 PROGRAM HE FY 1995 PROGRAM				7,000	
		(NEW MISSION ONLY)				0	
						3,404	
						918,313	
8. PROJECTS REQUES	ETET) IN THE EV 1	OOA DROVENAM.					
CATEGORY PROJEC		JJ4 FROMPA;			COST	DESTON	STATUS
CODE NUMBER		OJECT TITLE			(\$000)		COMPLETE
425 4076	08 Container Ho	lding Pads			7,000		12/1993
			TOTAL		7,000		
	PR N THE FY 1995 PR	OJECT TITLE OGRAM: NONE YEARS (NEW MISSION	ONLY): NO	NE NE	COST (\$000)		
			<u>.                                    </u>				
10. MISSION OR MA		ovate, inspect, te					
dispose of single							
maintain capabilit							
selected ammunitie							
accommodate the re	eceipt and shipm	ent of containeriz	ed cargo.				
11 0/=							
11. OUTSTANDING PO	DILLUTION AND SAF	ETY DEFICIENCIES:				000	
A. AIR POLLUTI	ON				(\$	000)	
B. WATER POLLA						0	
C. OCCUPATION	L SAFETY AND HE	AL/TH				0	

1.COMPONENT			THE TOTAL STATE OF THE PARTY OF		m nama	2.DATE			
ARMY	FY 19 <u>94</u> M	LLITARY CON	STRUCTION I	KOJEC	T DATA		PRIL 1993		
3. INSTALLATION AND	LOCATION		4.PROJECT	TITLE					
Hawthorne Army	Ammunition Plan	at							
Nevada			Containe	r Hol	ding Pa	ads			
5. PROGRAM ELEMENT	6.CATEGORY CO	ODE 7.PR	OJECT NUMBER	UMBER 8.PROJECT COST (\$000)					
				A	uth	7,	000		
72896A	425		40708	Арртор 7,000					
		9.COST E	Stimates						
	ITEM		ΩŅ	1 00	ANTITY	UNIT	COST (\$000)		
PRIMARY FACILI	TY						4,408		
Conc. Loadin	g/Unloading Pad	(3)	S	7	16,668	43.38	(723)		
Support Buil	SI	7	5,397	71.25	(385)				
Block & Brac	SI	7	4,500	67.87	(305)				
Covered Load	ing Dock (3)		SI	7	2,880	50.00	(144)		
Covered Lumb	er Storage (3)		SI	7	4,500	39.40			
Total from C	ontinuation page	e					(2,674)		
SUPPORTING FAC	ILITIES						1,920		
Electric Ser	vice		L	5			(233)		
Water, Sewer	, Gas		L	3			(323)		
Paving, Walk	s, Curbs And Gut	tters	L	5			(729)		
Storm Draina	ge		L	- 1			(113)		
Site Imp(	456) Demo(	)	L	· I			(456)		
Information	Systems		L	5			(66)		
ESTIMATED CONT	RACT COST			+-			6,328		
CONTINGENCY PE	RCENT (5.00%)			- 1			316		
SUBTOTAL			1	i			6,644		
SUPERVISION, I	NSPECTION & OVE	RHEAD (6	.00%)				399		
TOTAL REQUEST			1	-			7,043		
TOTAL REQUEST	(ROUNDED)						7,000		
							٠. ١		

10.Description of Proposed Construction

Construct three ammunition containerization sites. Each facility will provide a loading/unloading pad with road and rail access, pad lighting for 24-hour operations, two container storage areas, and a combined administrative and block and bracing shop facility. Supporting facilities include utilities; electric service; fire and lightning protection, and alarm systems; two rail siding spurs for each facility; paving, access roads, and parking; latrine facilities with septic fields; security fencing and lighting; information systems; and site improvements. Heating will be provided by self-contained oil-fired system. Supporting facility costs are high due to the remote location.

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

11. REQUIREMENT: 16,668 SY ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct three facilities for packing, handling and shipping ammunition Military-Owned Demountable Containers (MILVAN). (Current Mission) REQUIREMENT: This project is required to provide an adequate capability to receive, handle, load/unload, and ship very large quantities of munitions in MILVAN containers in a safe, efficient, and timely manner. Weights of loaded containers and the heavy-duty material handling equipment required to move, load/unload such bulky items mandate a reinforced pavement to ensure all-

(0)

1. COMPONENT	TRUCTION DROI	TOTAL DAMES	2.DATE		
FY 19 <u>94</u> MILITARY CONS	TRUCTION PROJ	ECT DATA	API	RIL 1993	
3.INSTALLATION AND LOCATION					
Hawthorne Army Ammunition Plant, Nevada					
4.PROJECT TITLE	PROJECT TITLE 5.PRO				
Container Holding Pads	40	40708			
		'			
9. COST ESTIMATES (CONTINUED)					
			Unit	Cost	
Item	<u>U/M</u>	QTY	COST	(\$000)	
PRIMARY FACILITY (CONTINUED)					
Rail Spur/R.R. Tracks (3)	LF	13,320	125.37	(1,670)	
Lightning Protection	EA	96	3,397	(326)	
Exterior/Security Lighting	EA	210	3,195	(671)	
Building Information Systems	LS			(7)	
			Total	2,674	

### REQUIREMENT: (CONTINUED)

weather sustained operations. Wide dispersal of ammunition stocks among 2,200 igloos over 105,000 acres, and quantity-distance explosive safety limitations, mandate three separated sites to constrain haul distances and limit explosive quantities at any single site. Extensive munitions quantities involved and limitations of the regional transportation net require both rail and road access from each site.

CURRENT SITUATION: Hawthorne Army Ammunition Plant (AAP) does not have an established facility for loading, handling, shipping or receiving ammunition stocks in MILVAN containers. The storage and shipping operations, which have been stressed with the recent consolidation of ammunition stocks from other depots and the retrograde from Desert Storm, involve a constant stream of heavy trucks loaded with munitions items, a fleet of small forklifts transferring pallets of munitions to or from MILVAN containers, and large heavy-duty forklifts shifting loaded (25-tons) and unloaded MILVANs between holding areas, loading positions, and shipping locations. All of these in operation quickly destroy any unprepared or lightly-paved surface and generate clouds of dust. Temporary unprepared holding areas have been utilized near existing loading docks and at various isolated areas in order to store MILVANS. These sites have no lighting for 24-hour operations, no prepared or stabilized surface, lack security measures, and provide no lightning or fire protection. These conditions require additional care, safety precautions and efforts that impede activities and prohibit timely and efficient operations. All necessary material handling equipment to support these three facilities is on hand and available for use.

If this project is not provided, the capability of IMPACT IF NOT PROVIDED: this major ammunition storage site to rapidly load and ship MILVAN containers with required ammunition quantities will continue to be significantly impaired. Delays to shipments of containerized munitions will curtail abilities to provide timely and adequate support to rapid deployment elements. The quick reaction time that allowed the major allied logistics buildup during Desert Shield is widely credited as having critical impact on the outcome of Desert Storm, so that it is unlikely we will be allowed as much time to move required munitions stocks in any future confrontation.

1. COMPONENT				2.DATE
1.COMPONENT	FY 1994	MILITARY CONSTRUCT	ION PROJECT DATA	
ARMY	•••			APRIL 1993
3. INSTALLATION AN	D LOCATION			
Hawthorne Army	Ammunition	Plant, Nevada		
4. PROJECT TITLE			5.PROJECT 1	UMBER
Container Hold	ling Pads			40708
ADDITIONAL:		has been coordinate		
security plan	and all req	uired physical secur	ity and/or combatt	ing terrorism
		ded. This project co		
criteria of D	D 42/0.1-M,	Construction Criteri e Army's Architectur	a, that were in e.	Thetmustions
(NET) Doctor	Criteria da	ted 9 December 1991,	with the R July	1992 and all
		ded in the Design Cr		
		ysis of reasonable o		
		ates there is only o		
		Consequently, a full		
performed.	•			
12, SUPPLEMEN	TAL DATA:			
A. Estin	mated Design	Data:		
(1)				
		Start Date		
ł		Complete As Of 01 J		
		Complete As Of 01 C		
	(d) Design	Complete Date		<u>DEC 1993</u>
(2)	Basis:			
(2)		d or Definitive Desi	gn - (YES/NO) N	
		esign Was Most Recen		
	(2)		•	
(3)	Total Design	Cost (c) = (a)+(b)	OR (d)+(e):	(\$000)
	(a) Product	ion of Plans and Spe	cifications	290
	(b) All Oth	er Design Costs		
ł	(c) Total I	esign Cost		
i		: <b>t</b>		
	(e) In-hous	e		125
				2101 1004
(4)	Construction	Start		month & year
				month a year
1				
1				
1				

1.COMPONENT					2.DATE	
1.component	FY 1994	MILITARY CONSTRUC	ייידר אי באר מייי	DATEA	2.DATE	
ARMY	11 17 <u>7.</u>	MIDITARI CONSTRU	.110N PRODECT	DAIA	APRI	L 1993
3. INSTALLATION AND	LOCATION				112.11.2	11773
Hawthorne Army	Ammunition I	Plant, Nevada				
4.PROJECT TITLE			5.P	ROJECT N	UMBER	
Container Hold	ing Pads				407	708
12. SUPPLEMEN	TAI. DATA · ((	CONTINUEDA				
		ted with this proje	ect which will	l be pr	ovided fr	°Om
other approp				. 20 F2		. • • •
				Fisca	l Year	
Equipment Procuring				Appro	priated	Cost
Nomenclatu:	<u>re</u>	Appropriat:	Lon	Or Re	quested	(\$000)
		None				

STATE		INSTALLATION (COMMAND)							
	PROJECT		AUTH	AUTHORIZATION APPROPRIATION					
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE			
New Jea	sey	Fort Monmouth (AMC)				145			
	2836	Satellite Control System Addition		7,500	7,500	147			
		Subtotal For Fort Monmouth PART I	\$	7,500	7,500				
		TOTAL MCA FOR New Jersey	\$	7,500	7,500				

INSTAL			FY 1994 MILITARY CONSTRUCTION PROGRAM					2. DATE APRIL 1993		
	LLATION AND LOC	TATION	4. cor						1	EA CONSTRUCTION ST INDEX
New Je	Yonmouth ersey		US Army I	Materiel	Command					1.13
6. PEF	RSONNEL STRENGT	H: PERMAN	ENT	STUD	ENTS		SUPPO	RTED		
		OFFICER ENLIS								
	OF 30 SEP 1992 D FY 1999		71 7731 76 4734	99 102	343 336	35 0	33 92	21 28		10,541 8,135
D. E.E.		405 11		102				20	1202	6,133
	TOTAL ACREAGE.		7. 1 637 AC	INVENTOR	Y DATA (	(000				
	INVENTORY TOTAL							4	102,298	
	AUTHORIZATION								0	
	AUTHORIZATION								7,500	
	AUTHORIZATION								0	
	PLANNED IN NEX REMAINING DEFI								0 2,700	
	GRAND TOTAL								112,498	
	DUECTS REQUESTE		994 PROGRAM	:						
	TEGORY PROJECT  ODE NUMBER		JECT TITLE				(\$000			STATUS
		Satellite Co			on					10/1993
					TOTAL	ь	7,	500		
0 518	TURE PROJECTS:									
	TEGORY						COST	,		
(	CODE	PRO	DECT TITLE				(\$000	1)		
Α.	INCLUDED IN T	HE FY 1995 PRO	OGRAM: NO	NE						
В.	PLANNED NEXT	FOUR PROGRAM	YEARS (NEW 1	MISSION	ONLY): !	VONE				
10. MI	ISSION OR MAJOR	FUNCTIONS:			,	-				
	rovides support		es for US A	rmy Comm	unicatio	ns Electr	onics			
Comman	nd and its tena	nts.								
11. O	UTSTANDING POLL	UTION AND SAF	ery deficie	VCIFS:						
								(\$0	000)	
	. AIR POLLUTION								0	
	. WATER POLLUTI								0	
C.	. OCCUPATIONAL	SAFETY AND HE	ALTH						0	

1. COMPONENT						2.DATE		
ARMY	FY 19 <u>94</u> M	ILITARY CONS	TRUCTIO	N PR	OJECT DATA	AP	RIL 1993	
3. INSTALLATION AN	DLOCATION		4.PROJE	CT TI	TLE			
Fort Monmouth								
New Jersey			Satel	lite	Control Sy	stem Add	lition	
5.PROGRAM ELEMENT	6. CATEGORY C	ODE 7. PRO	JECT NUME	BER	8.PROJECT	COST (\$000	))	
					Auth 7,500			
72896A	317		2836		Approp	7,5	00	
		9. COST ES	TIMATES					
	ITEM			U/M	QUANTITY	UNIT	COST (\$000)	
PRIMARY FACILI	TY						6,273	
Satellite Co	ntrol Sys Test	Fac		SF	22,096	269.77	(5,961)	
IDS Installation							(102)	
Special Pile Foundation							(93)	
Building Information Systems				LS			(117)	
SUPPORTING FAC	ILITIES			-			469	
Electric Ser				LS		1	(336)	
Water, Sewer				LS			(47)	
	s, Curbs, And G	utter		LS			(47)	
Storm Draina				LS			(8)	
Site Imp(		)		LS			(11)	
Information		•		LS			(20)	
	•							
ESTIMATED CONT	TRACT COST			<del>                                     </del>			6,742	
	ERCENT (5.00%)			1			337	
SUBTOTAL							7,079	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							425	
TOTAL REQUEST							7,504	
TOTAL REQUEST (ROUNDED)					Į l		7,500	
	PMENT-OTHER APP	ROPRIATIONS		1			(171)	
				1	[			

10.Description of Proposed Construction Construct an addition to the Satellite Control System Test Facility, with space for test and control equipment, operations, engineering, and technician training. Project includes elevator, fire protection, alarm and security systems. Provide equipment, raised floor and air conditioning. Special pile foundation is required. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; fencing; information systems; and site improvements. Heating (gas-fired) and air conditioning (200 tons) will be provided by self-contained units. Access for the handicapped will be provided. Addition will be located in a flood plain, but must be adjacent to existing equipment and antennas; mitigating measures include construction of ground floor above the 100-year flood plain.

11. REQUIREMENT: 29,296 SF ADEQUATE: 7,200 SF SUBSTANDARD: NONE PROJECT: Construct an addition to the Satellite Control System Test Facility. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT						2.DAT	3			
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJEC	T DATA					
ARMY							APRIL	1993		
INSTALLATION AND LOCATION										
Fort Monmouth,	New Jersey									
4.PROJECT TITLE					.PROJECT	NUMBER		•		
Satellite Cont	rol System Ad	dition					2836			

This project is required to provide an appropriately positioned, environmentally controlled, electromagnetically shielded facility for development, testing, evaluation, and simulation of satellite communications devices supporting the Communications Electronics Command (CECOM), Army Materiel Command (AMC), and training of Defense Information Systems Agency (DISA) support personnel charged with development, operations, and maintenance of the satellite communication systems. The facility is required to be adjacent to the existing satellite transmission and reception antennas and equipment due to limits in the current transmission cabling technology.

CURRENT SITUATION: The existing Satellite Control System Test Facility is a temporary and relocatable structure that is too small to accommodate the equipment, operations, and personnel necessary for the mission. Army regulations allow use of relocatable facilities only if and while Military Construction (MILCON) funding is being sought. Millions of dollars of high-tech, state-of-the-art satellite control equipment is housed in a relatively unsecure building. Further, this temporary facility was provided as an emergency in 1989 and is only sized to house the basic control equipment. As a result, specialized equipment items are shuttled in and out of the facility as necessary to support immediate priority operations or training with frequent and costly delays while equipment is switched, moved, or recalibrated. Additional space for support personnel, spare part storage, control systems computer tape storage, and common usage instructional areas does not exist.

IMPACT IF NOT PROVIDED: If this project is not provided, lack of an integrated, comprehensive testing and simulation facility will result in the fielding and use of untested satellite control devices and software against orbiting satellites, with the associated risk that an undiscovered hardware or software flaw could cause significant, possibly even irreparable damage to a valuable satellite. Potential losses from damages or reduction in useful life of a single satellite could easily exceed costs of this facility. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

1.COMPONENT					2.DATE				
	1	FY 19 <u>94</u>	MILITARY CONSTRUCTION PROJ	FECT DATA					
ARMY 3.INSTALLATION	AND LOCA	ATION			APRI	L 1993			
J. INCIRDDATION	, AND BOOK	112011							
Fort Monmouth, New Jersey									
4.PROJECT TITE				5.PROJECT N	IUMBER				
Satellite C	ontrol	System A	Addition		283	6			
12. SUPPLEMENTAL DATA:									
A. Estimated Design Data:									
	(1) Status:								
,	(a)	Design	Start Date		SEP	1985			
	(b)	Percent	Complete As Of 01 January 9	3 (BDGT YE	?)	35			
	(c)		Complete As Of 01 October 9			100			
	(d)	Design	Complete Date		<u>OCT</u>	1993			
(2	) Basi	s:							
,-	(a)		rd or Definitive Design - (YI	ES/NO) N					
	(b)	Where D	Design Was Most Recently Used	1					
		1 8 /	Good down could be on the		400				
( 3			n Cost (c) = (a)+(b) OR (d)+( tion of Plans and Specificati		* .	000) 426			
	(b)		ner Design Costs			424			
	(0)		Design Cost			850			
	(d)	Contrac	t			650			
	(e)	In-hous	se			200			
(4	\ Cana		n Start		PPP	1004			
(4	) Cons	truction	1 Start		month &				
					monen o	1 Cui			
B. Eq	uipment	associa	ated with this project which	will be pr	covided fr	om			
other app	ropriat	ions:							
P	- 4		Para annulu a		al Year	0			
Equipme Nomencl			Procuring Appropriation		opriated equested	Cost (\$000)			
Homenez	dedie		<u>nppropriacion</u>	<u>01 III</u>	-quescea	140001			
IDS Eq			OPA	1994	1	2			
Info Sys	- ISC		OPA	1994	1	168			
Info Sys	- PROP			1994	1	1			
				mor.	TAL	171			
				101	TAL	1/1			

STATE PROJECT NUMBER	PROJECT TITLE	AUTY	REQUEST	APPROPRIATION REQUEST	PAGE
New Mexico 41204	White Sands Missile Range (AMC) Target Track		2,900	2,900	153 155
	Subtotal For White Sands Missile Range PART I	\$	2,900	2,900	
	* TOTAL MCA FOR New Mexico	\$	2,900	2,900	

ARMY				APRIL 1993
INSTALLATION AND LA White Sands Missile		4. COMMAND		5. AREA CONSTRUCTION COST INDEX
New Mexico	e kange	US Army Materiel Comman	<u> </u>	1.10
6. PERSONNEL STREN			SUPPORTED	
A. AS OF 30 SEP 199		IST CIVIL OFFICER ENLIST C		
B. END FY 1999		744 3111 0 0 444 2695 0 0	0 17 85 0 17 86	2784 6,887 2774 6,120
			0 17 86	2774 6,120
		7. INVENTORY DATA	(\$000)	
A. TOTAL ACREAGE				
		SEP 1992		04,866
		NVENTORY		0
		THE FY 1994 PROGRAM		2,900
		(NEW MISSION ONLY)		0,800
		(NEW INSSIGN ONEI)		12,000
				<u> </u>
8. PROJECTS REQUEST		1994 PROGRAM:		
CATEGORY PROJECT			COST	DESIGN STATUS
CODE NUMBER 390 41204		ROJECT TITLE	(\$000)	START COMPLETE
390 41204	Target Track		2,900	10/1992 11/1993
		TOT	L 2,900	
9. FUTURE PROJECTS:			COST	
CODE	PF	ROJECT TITLE	(\$000)	
A. INCLUDED IN	THE FY 1995 PE	ROGRAM:		
312	Climate Test	and Evaluation Facility	10,800	
		TOTA	L 10,800	
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION ONLY):	NONE	
10				
10. MISSION OR MAJO  A National Rang		est and evaluation of missi	le and morket	
		vides specialized technical		
		, Air Force and systems con		
11. OUTSTANDING POL	LIFTION AND CAS	TITL DEDICTEMENTS		
II. OUISIMMUING POL	LUITON AND SAF	EII DEFICIENCIES:	(\$00	10.)
A. AIR POLLUTIO	N		(\$00	0

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION	PROGRAM	2. DATE
ARMY			
			APRIL 1993
		<del></del>	
INSTALLATION	AND LOCATION: White Sands Missile Range	New Mexico	
1			
11 OFFISTANDING DOL	LUTION AND SAFETY DEFICIENCIES: (CONTINUE		
	DEFICIENCES: (CONTINUE		
		(\$000	
B. WATER POLLUT			0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
			ļ
			1
			ŀ
			l
			J
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			ļ
			ł

1.COMPONENT								Z.DAIL	
ARMY	FY 1	994	MILITARY	CONS	RUCTIO	N PR	OJECT DATA	AI	PRIL 1993
3. INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE		
White Sands Mi	ssile	Range	e						
New Mexico					Targe				
5. PROGRAM ELEMENT		6.CATE	GORY CODE	7.PROJ	ROJECT NUMBER 8.PROJECT COST (\$000)				
						Auth		900	
72896A			390_	COST EST	41204		Approp	2,	900
				COST ES	TIMATES	1			
		1	TEM			U/M	QUANTITY	UNIT	(\$000)
PRIMARY FACILI	TY								2,599
Improve Targ						SY	324,440	4.21	(1,368)
Modify Targe		ck				SY	20,134	17.00	(342)
Clearing 8 m						SY	130,944	5.60	(733)
Roads to Opt		Sites	(6)			LS			(136)
Optical Site	(6)					LS			(20)
SUPPORTING FAC	ILITI	ES		-		<del>                                     </del>			
ESTIMATED CONT	RACT	COST							2,599
CONTINGENCY PE	RCENT	(5.0	00%)						130
SUBTOTAL									2,729
SUPERVISION, I	NSPEC'	TION 8	OVERHEAD	(6.0	00%)	1			164
TOTAL REQUEST	( DOIN!	DED.				li			2,893 2,900
INSTALLED EQUE			RAPPROPRIAT	TONS		i I			2,300
in.Description of Proping an educatinage culve along eight min of the improve replacement with instrumentatic existing roads	existing erts and less of test and test	ng 13- nd a k f righ t trac aspha es, to	-mile graded built-up bas nt-of-way. F ck by remova alt surface. b include pr	l-soil e cour collowi l/repa	target se sur ing ini air of cruct s	testace tial the lix of	, and show testing, base course ptical trad	provision  Ider clea  modify 1  e surface  cking and	on of arance .5 miles e and d
11. REQUIREME PROJECT: Impr sites. (Currer REQUIREMENT: characteristic base course, a acoustic and t tested. Six ac weapon functic simultaneous of	This to a condition of the condition of	sion) proje satist phalt l sign nal in d flig	natures for nstrumentati ght profile	red to require require requires evaluation site	proviirement lirement lired t lation o les are	de to sof o profession required	est track the test esent repr e weapon s uired to t ately cove	instrume surface program. esentati ystems b rack and r the	Earth, ve eing

1.COMPONENT	PY 1	94	MILITAR	Z CON	NSTRUCT	ON	PROTE	- T	ATA	2.0	ATE		
ARMY							111002				λ	PRIL	1993
3. INSTALLATION AND	LOCATION												
White Sands Mi	ssile Ra	ge,	New Mexi	co									
	ssile Ra	ge,	New Mexi	co				5.PR	JECT	NUMBE	e R		
White Sands Mi 4.PROJECT TITLE	ssile Ra	ge,	New Mexi	co				5 . PR	NECT	NUMBE	er e		

CURRENT SITUATION: Test targets currently use a 13-mile graded-dirt test track. This track is adequate only to support initial phases of testing, when representative tactical conditions are not required. Six existing optical instrumentation sites are used to track and record functions of single submunition drop tests. Specific information regarding the test programs impacted by this request cannot be provided in this document due to security restrictions.

IMPACT IF NOT PROVIDED: If this project is not provided, the test track will not provide tactically representative road surfaces and target area conditions required for realistic testing will not be available. Failure to provide additional optical instrumentation sites will limit abilities to track multiple submunitions released by weapons systems under tests. This will make it impossible to gather adequate data to assess performance of new weapons systems entering the developmental and pre-production stages of acquisition. As such systems subsequently join the munitions stockpile, such facilities will also be required for the conduct of stockpile reliability testing. ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A range electric power system, providing reliable commercial power, is under construction as an FY 93 Unspecified Minor MCA project (41203, \$1.45 Million), and provides power drops for instrumentation sites to be built under this project.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Design Start Date	OCT 1992
(b)	Percent Complete As Of 01 January 93 (BDGT YR)	35
101	Percent Complete As Of Al Ostober 93 (PROC VP)	0.5

- As Of 01 October 93 (PROG YR)..
- (2) Basis:
  - (a) Standard or Definitive Design (YES/NO) N
  - (b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....

1.COMPONENT				2.DATE							
	FY 19 <u>94</u> MII	LITARY CONSTRUCTION P	ROJECT DATA		- 1						
ARMY				APRI	L 1993						
3.INSTALLATION AN	D LOCATION										
White Sands Missile Range, New Mexico											
White Sands Hi 4.PROJECT TITLE	issile Range, New	Mexico	5.PROJECT N	IDMBED							
4.1 RODDCT TITED			J.FRODEET N	OLIDBK							
Target Track	Target Track 41204										
			· · · · · · · · · · · · · · · · · · ·								
12. SUPPLEMEN	NTAL DATA: (Conti	nued)									
A. Estin	mated Design Data	: (Continued)									
		esign Costs			203						
		n Cost			232						
		• • • • • • • • • • • • • • • • • • • •			145						
	(e) In-house	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	<u>87</u>						
(4)	Construction Ctr			MAY	1004						
(4)	Constituetion Star	rt		month &							
				шонен а	year						
B. Equip	ment associated	with this project whi	ch will be pr	ovided fr	·om						
other approp			[		_						
			Fisca	l Year							
<b>Equipment</b>		Procuring	Appro	priated	Cost						
Nomenclaty	ire	Appropriation	Or Re	quested	(\$000)						
		None									

	PROJECT NUMBER	PROJECT TITLE	AUTHORIZAT REQU		APPROPRIATION REQUEST	PAGE
New York	34548	United States Military Academy (XXX) Whole Barracks Renewal Subtotal For United States Military Academy PART I		, 800 	13,800	161 163
		• TOTAL MCA FOR New York	\$ 13,	,800	13,800	

. COMPONENT	F	Y 1994 MILITARY CO	NSTRUCTION PR	OGRAM	2	DATE
ARMY					1	APRIL 1993
. INSTALLATION AND LOC	CATION	4. COMMAND			5.	AREA CONSTRUCTION
						COST INDEX
United States Milita	ary Academy	United States Mi	litary Academ	Ŋ		
New York	į				- 1	1.13
6. PERSONNEL STRENGT			ENTS	SUPPORT		
		CIVIL OFFICER E				TOTAL
A. AS OF 30 SEP 1992			4465 0		1 894	9,207
B. END FY 1999	779 632	2 2419 0	<b>42</b> 58 0	31	1 2177	10,297
		7. INVENTOR	Y DATA (\$000)			
A. TOTAL ACREAGE.		29,511 AC				
B. INVENTORY TOTA	AL AS OF 30 SEE	P 1992			1,715,641	
C. AUTHORIZATION	NOT YET IN INVE	ENTORY			C	
D. AUTHORIZATION	REQUESTED IN TH	HE FY 1994 PROGRAM	1		13,800	
E. AUTHORIZATION	INCLUDED IN THE	E FY 1995 PROGRAM.			28,000	
F. PLANNED IN NEX	OT FOUR YEARS (1	NEW MISSION ONLY).			5,780	
					42,950	
H. GRAND TOTAL					1,806,171	
8. PROJECTS REQUESTS	Thi many pay 100	DA DECCENA				
CATEGORY PROJECT		PROGRAM:		COST	Deet	GN STATUS
CODE NUMBER		JECT TITLE		(\$000)		T COMPLETE
	Whole Barracks					92 06/1993
721 31340	MIDIE BATTACKS	, veriewal		13,00	09/19	92 00/1993
			TOTAL	13,80	00	
9. FUTURE PROJECTS:						
CATEGORY				COST		
CODE		JECT TITLE		(\$000)		
A. INCLUDED IN T						
122	Renovate Food	Processing Facili	ty	28,00	30	
			TOTAL	28,00	20	
			IOIAL	20,00	50	
B. PLANNED NEXT	FOUR PROGRAM YE	EARS (NEW MISSION	ONLY): NONE			
10. MISSION OR MAJOR						
		es Military Academ				
train, and inspire t			-			
character, leadershi	-				l	
to progression and o						
service to the natio			unny. USMA is	the		
installation manager	; ior Stewart A	my Subpost.				

1.	COMPONENT	PY 1994 MILITARY CONSTRUCTION PROGRAM	T	2. DATE
	ARMY		J	APRIL 1993
			ļ	
	INSTALLATION	AND LOCATION: United States Military Academy New York	ork	
		New 10	~**	
_				
ı				
ı				
	11 OFFICENCE CO.	LIFETONI AND CARROTTE PROPERTY PROPERTY PARTY PA		
	II. OUISIANDING POLI	LUTION AND SAFETY DEFICIENCIES:		
	3 37B DOLL		(\$000	
	A. AIR POLLUTION			0
	B. WATER POLLUTI			0
	C. OCCUPATIONAL	SAFETY AND HEALTH	1	0
				Δ []

1.COMPONENT							2.DATE	
	FY 19	94 MILITAE	RY CONST	RUCTIO	N PR	OJECT DATA		
ARMY							A	PRIL 1993
3.1NSTALLATION A	ND LOCATI	ON		4.PROJE	CT TI	TLE		
United States	Milita	ry Academy		1				
New York				Whole	Bar	racks Renev	val	
5. PROGRAM ELEMENT	r	6.CATEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)
						Auth	13,	800
85896A		721		34548		Approp	13,	800
		9	.COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	ITY							10,852
Barracks Ad	dition				SF	9,060	140.52	(1,273
Command Gro	up HQ				SF	15,629	111.28	(1,739
Barracks Re	novatio	n			SF	81,626	89.33	(7,292
Asbestos Re	moval				LS			(131)
Building In	formati	on Systems			LS			(417
SUPPORTING FA	CILITIE	:S						1,132
Electric Se	rvice				LS			(353
Water, Sewe	r, Gas				LS			(199
Steam And/O	r Chill	ed Water Distr			LS			(38)
Paving, Wal	ks, Cur	bs And Gutters			LS		[	(57
Storm Drain	age				LS			(40)
Site Imp(	276) D	emo()			LS			(276
Information	System	ıs			LS			(169
ESTIMATED CON	TRACT C	OST						11,984
CONTINGENCY PERCENT (8.50%)								1,019
SUBTOTAL								13,003
SUPERVISION,	INSPECT	ION & OVERHEAD	(6.0	0%)				780
TOTAL REQUEST			•	•				13,783
TOTAL REQUEST	(ROUND	ED)						13,800
		•			1 1			

10 Description of Proposed Construction Renovate the interior of two historic enlisted personnel barracks. Project includes living/sleeping rooms with private bath, walk-in closets, and includes an addition to one barracks. Construct a detached consolidated Battalion and Three Company Headquarters and Supply building, with classrooms and arms room included in military police company space. Renovate and reconfigure into current standard modules to accommodate enlisted barracks facilities. Work includes fire stairs and asbestos removal. Basement area will contain bulk storage space, weight room, laundry facilities, mud room and future common use area. Dorm office and common use area will be provided along with mail facilities on the first floor. Supporting facilities include utilities; electric service; sanitary sewer; fire protection and alarm systems; paving, walks, curbs and gutters; information systems; and site improvements. Access for the handicapped will be provided in the Command Group Headquarters building. Heating will be provided from existing central steam plant. Barracks heating and cooling will be fan coil units with individual room controls. Air conditioning: 240 tons. Comprehensive Interior Design services are requested.

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

(86)

1.COMPONENT		2.DATE						
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA						
ARMY		API	RIL 1993					
3. INSTALLATION AN	D LOCATION							
United States	Military Academy, New York							
4.PROJECT TITLE		5.PROJECT NUMBER						
1								
Whole Barracks	Renewal	34	4548					
<ol><li>11. REQUIREME</li></ol>	ENT: 209 PN ADEQUATE: NONE S	UBSTANDARD:	NONE					
PROJECT: Reno	ovate two enlisted barracks and provide ba	rracks addition a	and a					
headquarters h	ouilding to meet the Whole Barracks Renewa	l Program Standar	rd.					
(Current Missi	•							
REQUIREMENT:	This project is required to provide barr							
	n for all enlisted soldiers stationed at W							
	or this project will not be affected by re							
the Corps of (	Cadets, which have no effect on enlisted s	upport strength.	The					
	acks and addition will provide housing fo		31					
E5-E6. Intende	ed utilization is 209 spaces. This will al	low a maximum						
utilization of	240 spaces.							
CURRENT SITUAT								
	ration building with the Provost Marshal							
	ing facility serving the MP Company is cur							
	ling. The Headquarters, Medical Department							
	Activity companies' barracks are currently housed in the two buildings to be							
renovated. All barracks require major renovations to optimize use of the								
available space to comply with current life safety standards. All facilities								
	currently used for these functions are in poor condition because of the							
	protracted period since the last major renovation, and are a burden to the							
	nd repair program. The two buildings (curr							
	spaces) to be revitalized are virtually identical: heating, ventilation and							
	ing (HVAC) are inadequate, plumbing with g							
	nd interior surfaces are badly worn. One b							
	modern dining facility which remains in operation with no work under this							
project. The other building includes approximately 7,000 SF of storage areas								
	converted to barracks. The north dining f	acility serving	the MPs					
1	as a result of the consolidation.							
IMPACT IF NOT								
soldiers will continue to live in deplorable conditions enduring inadequate								
	HVAC, plumbing, electrical, and life-safety systems. These aging facilities							
will continue to be a burden to the maintenance and repair program through								
piecemeal major repairs. The north dining facility will continue to operate,								
thereby burdening the operations and maintenance programs.								
ADDITIONAL: This project has been coordinated with the installation physical								
security plan, and no physical security and/or combatting terrorism (CBT/T)								
measures are required. This project complies with the scope and design								
criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1								
January 1987, as implemented by the Army's Architectural and Engineering								
Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information								
			mation					
System (DCIS). An economic analysis has been prepared and utilized in								
evaluating this project. The following are related projects: FY 92 PN 31081 - Military Police Station/Garrison Commander Headquarters; FY 94 OMA Project -								
Military Polic	ce Station/Garrison Commander Headquarters	; FY 94 OMA Proje	ect -					
L								

1. COMPONENT  FY 1994 MILITARY CONSTRUCTION PROJECT DATA  ARMY				2.DATE	
		ECT DATA			
		APRIL 1993			
3. INSTALLATION A	AND LOCA	TION			
	s Mili	tary Academy, New York			
4.PROJECT TITLE 5.PROJECT		5.PROJECT NU	MBER		
Whole Barracl	ks Ren	ewal		345	48
ADDITIONAL:					
		ings and Site Improvements; FY 93 OM			
		nal Facilities; FY 95 OMA Project - 1		ion; FY	97
OMA Project -	- Demo	lition, World War II Buildings (30,0	00 GSF).		
12. SUPPLEME					
		Design Data:			
(1)					
	(a)	Design Start Date			
		Percent Complete As Of 01 January 9	BDGT YR)		
	(c)		(PROG YR)		100
	(d)	Design Complete Date		JUN	1993
(2)					
		Standard or Definitive Design - (YES	5/NO) N		
	(b)	Where Design Was Most Recently Used			
(3)	(3) Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : (\$				001
(-/	(a)	Production of Plans and Specifications			
	(b)				
	(c)	Total Design Cost		1	
	(d)	Contract			
	(e)	In-house			
	` ,				
(4)	Cons	truction Start		APR	1994
` '				month &	
					2
B. Equi	pment	associated with this project which	vill be pro	vided fr	Om
other appro	-				
	-		Fiscal	Year	
Equipment		Procuring		riated	Cost
Nomenclature		Appropriation		uested	(\$000)
					.,)
Info Sys -	ISC	OPA	0000		8.0
Info Sys -		OPA	0000		6
* '					Ů
			TOTA	L	86
					, , ,

DD 1 PORM 1391C

STATE	INSTALLATION (COMMAND)				
- PROJECT		AUT	THORIZATION AP	PROPRIATION	
NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
					_
North Carolina	Fort Bragg (FORSCOM)				169
1731	Tactical Equipment Shop		23,000	23,000	171
4641	Tactical Equipment Shop		7,100	7,100	175
35358	Whole Brigade Barracks Complex		71,600	71,600	178
40444	Sewage Treatment Plant Upgrade		540	540	182
	Subtotal For Fort Bragg PART I	\$	102,240	102,240	
	* TOTAL MCA FOR North Carolina	\$	102,240	102,240	

COMPONENT ARMY	F	Y 1994 MILITARY CONS	RUCTION PRO	XGRAM	2. DAY	RIL 1993
INSTALLATION AND LOC	CATION	4. COMMAND			1	EA CONSTRUCTION ST INDEX
Port Bragg North Carolina		US Army Forces Com	nand			0.80
6. PERSONNEL STRENG		NT STUDENT T CIVIL OFFICER ENLI		SUPPORTED	ivil to	OTAL .
A. AS OP 30 SEP 1992 B. END FY 1999	9 4918 3447 5261 3431		158 0 125 0	250 1270 250 1271	1466 1466	48,749 49,207
		7. INVENTORY I	ATA (\$000)			
A. TOTAL ACREAGE.  B. INVENTORY TOTA		29,431 AC P 1992		3,0	68,225	
		ENTORY			0	
		HE FY 1994 PROGRAM			02,240	
		E FY 1995 PROGRAM			24,000	
		NEW MISSION ONLY)			90,412	
8. PROJECTS REQUESTE	D IN THE FY 19	94 PROGRAM:				
CATEGORY PROJECT				COST	DESIGN	STATUS
CODE NUMBER		DECT TITLE		(\$000)		COMPLETE
	Tactical Equip			23,000		09/1993
	Tactical Equip			7,100		09/1993
,	-	Barracks Complex ent Plant Upgrade		71,600 540	,	09/1993 08/1993
			TOTAL	102,240		
9. FUTURE PROJECTS:						
CATEGORY				COST		
CODE	PRO	DECT TITLE		(\$000)		
A. INCLUDED IN T				(,,===,		
721	Whole Barracks	s Renewal		24,000		
			TOTAL	24,000		
B. PLANNED NEXT	FOUR PROGRAM YE	EARS (NEW MISSION ONL	Y): NONE			
10. MISSION OR MAJOR	FUNCTIONS:					
		borne Division and no				
		Operations Command, i				
Special Operations C		USA John F. Kennedy				
	s neadquarters	and miscernaneous of	ner tenant	activities.		
& School; XVIII Corp						
		**************************************				
				· <u>·</u>		
				<u>-</u>		

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1. COMPONENT	PY 1994 MILITARY CONSTRU	CTION PROCRAM	2. DATE
ARMY	The state of the s	POSTOR FROMUET	APRIL 1993
INSTALLAT	ON AND LOCATION: Fort Bragg	North Carolina	
11. OUTSTANDING F	OLLUTION AND SAFETY DEFICIENCIES:		
		(\$000	)
A. AIR POLLUT		1,68	
B. WATER POLI		8,86	
C. OCCUPATION	IAL SAFETY AND HEALTH	1	)

1.COMPONENT					2.DATE	
ARMY	FY 1994 MILITA	ARY CONSTR	UCTION PR	OJECT DATA	A	PRIL 1993
3.INSTALLATION AND LOCATION			PROJECT T	TLE		
Fort Bragg						
North Carolina			Tactical	Equipment :	Shop	
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJE	CT NUMBER	8.PROJECT	COST (\$00	0)
				Auth	23,	000
22696A	214		1731	Approp	23,	000
		9.COST ESTI	MATES			
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY					15,755
Vehicle Main	tenance Shops (4 EA)	ı	SF	122,480	88.94	(10,894
Deploy Equip	Storages, (3)		SF	3,500	39.60	(139
Crypto Vault			SF	3,013	99.32	(299
Fuel Dispens	ing Building		SF	120	205.23	(25
Oil Storage	Buildings (3)		SF	480	70.00	(34
Total from C	ontinuation page		1			(4,364
SUPPORTING EAC	ILITIES					4,493
Electric Ser	vice		LS			(702
Water, Sewer	, Gas		LS			(320
Steam And/Or	Chilled Water Distr	:	LS	-~		(485
Paving, Walk	s, Curbs And Gutters	5	LS			(153
Storm Draina	ge		LS			(609
Site Imp( 1,	412) Demo( 16)		LS			(1,428
Information	Systems		LS			(796
ESTIMATED CONT	PACT COST			<del>                                     </del>		20,248

10.Description of Proposed Construction Construct a standard-design organizational and direct support vehicle maintenance shop complex. The maintenance shops will consist of vehicle maintenance repair bays, general item and compact item repair areas, and special environment shops. Install electrically operated bay doors, lubricant dispensing facilities, vehicle exhaust ventilation, fire protection system, compressed air systems, full-width traveling bridge cranes, and inspection pits. Relocate existing MARS station, control building and antenna field. The complex includes deployment equipment storage buildings, oil storage buildings, fuel dispensing buildings with fuel islands and pumps, open storage areas, fuel storage tanks, and vehicle hardstand. Install an intrusion detection system (IDS) for a crypto vault. Supporting facilities include utilities; electric service; storm drainage; sewer systems; sewage pump station; fire protection and alarm systems; security lighting, fencing and gates; paving, walks, curbs and gutters; parking; information systems; and site improvements. Construct access road to connect the complex to a main road. Heating and air conditioning (44 tons) will be provided by self-contained units for administrative areas, crypto vaults, and special environment shops. Mechanical ventilation: 334,224 CFM. Demolish three buildings (5,450 SF) within the footprint. Support facility costs are high

(6.00%)

DD , PORM 1391

CONTINGENCY PERCENT (5.00%)

TOTAL REQUEST (ROUNDED)

SUPERVISION, INSPECTION & OVERHEAD

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

SUBTOTAL

TOTAL REQUEST

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 171

1,012

21,260

1,276 22,536

23,000

(4,326)

1.COMPONENT						2.DATE	
	FY 19 <u>94</u>	MILITARY	CONSTRUCTIO	N PROJ	ECT DATA		
ARMY						APF	RIL 1993
.INSTALLATION AND	LOCATION						
Fort Bragg, No	rth Carolina				5.PROJECT	NUMBER	
PROJECT TITLE							
Tactical Equip	ment Shop					17	731
9. COST ESTI	MATES (CONTI	NUED)				** * *	Cont
Item				U/M	QTY	Unit COST	Cost (\$000)
<u>1cem</u>				37.53			
PRIMARY FACILI		(D)		CD	104	263.97	(27)
Sentry Stati				SF		10.15	(609)
Fuel Dispens	ing System			GA	60,000	35.00	
Hardstand				SY	92,500	35.00	(3,238)
IDS Installa				LS			(313)
	sting MARS S			LS			(170
Building Int	formation Sys	stems		LS		Total	4,364
vehicle mainter REQUIREMENT: 782d Maintenard division equipinventory rampers on weather adequate serv direct supportrailers. The CURRENT SITUA maintenance is shop building organizationa for large equiphops for maintenance is no sminimal secur Some existing must be removible to the maintenance is most project, over to the maintenance is maintenance is no sminimal secur some existing must be removible for the maintenance is maintenance is no sminimal secur some existing must be removible for the maintenance is no sminimal secur some existing must be removible for the maintenance is not such as a such	This project new Battalion pment except ges from tand. The reading a second property of the pr	ct is requingly which property of the second	red to provovides directory of the second se	ide adect supported and call in sitive ness tocked provide maintainel. lion cuildings a poorly. The fadd environal, and corpope A: and corpope A: and lailing 4'shortage	port main items. The electrons of the parts sy es organi in its ow arrently s. The fo y adapted cilities ronmental and advance le mainte municati ir Force andings. A 7,444 SF, e of auth	tenance fee equipme entire di stem, and zational n vehicle performs ur perman for mode are too sly contro ed weapon nance and ons syste Base runw t complet will be orized	or all int int int int int int int int int int
maintain and  IMPACT IF NOT  Maintenance B	will be demo	lished. If this pa l continue	oject is no to experien	ot prov	ided, the	782d backlogs	due to

PAGE NO. 172

DD 1 FORM 1391C

					2.DATE
	F	1994 MILITARY	CONSTRUCTION PROJEC	CT DATA	
ARMY					APRIL 1993
.INSTALLATION A	ND LOCAT	ION			
ort Bragg, N	orth C	arolina			
.PROJECT TITLE				5.PROJECT N	UMBER
		_,			1721
Tactical Equi	pment	Shop			1731
		DED: (CONTINUED			
			Support Command (D		
			d facility has spe-		
nd access re	quirem	ents to support th	is missions. The u	niqueness	of this
			collocate this fac		
•	l main	tenance facilities	such as the propo	sed tacti	cal equipment
hop.			11 11 11 11 11		
ADDITIONAL:			oordinated with th		
			cal security and/o		
			roject complies wi		
			n Criteria, that w		
			chitectural and En		
			ber 1991, with the		
ubsequent re	vision	s included in the	Design Criteria In	formation	System
			g this requirement		
during projec	t deve	lopment. This proj	ect is the only fe	asible of	tion to meet
he requireme	ent.				
12. SUPPLEME					
		Design Data:			
(1)	Statu				TANT 1992
			s Of 01 January 93	(BDGT II	
			05 07 0 1 1 1 02		
	(c)	Percent Complete A	s Of 01 October 93	(PROG Y	100
	(c)	Percent Complete A	s Of 01 October 93 te	(PROG Y	100
(2)	(c) (d)	Percent Complete A Design Complete Da		(PROG Y	100
(2)	(c) (d) Basis	Percent Complete A Design Complete Da :		(PROG YE	100
(2)	(c) (d) Basis	Percent Complete A Design Complete Da :	te tive Design - (YES	(PROG YE	100
(2)	(c) (d) Basis	Percent Complete A Design Complete Da : Standard or Defini	te tive Design - (YES	(PROG YE	100
	(c) (d) Basis (a) (b)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg	tive Design - (YES	(PROG YE	100
(2)	(c) (d) Basis (a) (b)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) =	tive Design - (YES lost Recently Used	(PROG YE	(\$000)
	(c) (d) Basis (a) (b) Total	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan	tive Design - (YES lost Recently Used  (a)+(b) OR (d)+(e ls and Specification	(PROG YI	(\$000) (\$000) 1,150
	(c) (d) Basis (a) (b) Total (a) (b)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design C	tive Design - (YES lost Recently Used (a)+(b) OR (d)+(e is and Specificatio	(PROG YI	(\$000) (\$000) 1,150 530
	(c) (d) Basis (a) (b) Total (a) (b) (c)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design Cost. Total Design Cost.	tive Design - (YES lost Recently Used (a)+(b) OR (d)+(e) is and Specificatio	(PROG YI	(\$000) (\$000) 1,150 530 1,680
	(c) (d) Basis (a) (b) Total (a) (b) (c) (d)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design Cost. Total Design Cost. Contract	tive Design - (YES lost Recently Used  (a)+(b) OR (d)+(e) losts and Specificatio	(PROG YI	(\$000) 1,150 530 1,680 700
	(c) (d) Basis (a) (b) Total (a) (b) (c)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design Cost. Total Design Cost. Contract	tive Design - (YES lost Recently Used (a)+(b) OR (d)+(e) is and Specificatio	(PROG YI	(\$000) 1,150 530 1,680 700
	(c) (d)  Basis (a) (b)  Total (a) (b) (c) (d) (e)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design Cost. Contract	tive Design - (YES lost Recently Used  (a)+(b) OR (d)+(e) s and Specificatio	(PROG YI	(\$000) 1,150 530 1,680 700 980
(3)	(c) (d)  Basis (a) (b)  Total (a) (b) (c) (d) (e)	Percent Complete A Design Complete Da : Standard or Defini Where Design Was M Fort Bragg  Design Cost (c) = Production of Plan All Other Design Cost. Contract	tive Design - (YES lost Recently Used (a)+(b) OR (d)+(e is and Specification	(PROG YI	(\$000) 1,150 530 1,680 700 980

			_		
1.COMPONENT	FY 1994	MILITARY CONSTRUCTION PROJ	ECT DATA	2.DATE	
ARMY				APRI	L 1993
3.INSTALLATION AN	D LOCATION				
Fort Bragg, No	orth Carolina				
4.PROJECT TITLE			5.PROJECT N	UMBER	
Tactical Equip	ment Snop		1	173	1
12. SUPPLEMEN					
		ted with this project which	will be pr	ovided fr	:om
other approp	riations:		Fice	l Year	
Equipment		Procuring		priated	Cost
Nomenclatu	ire	Appropriation		quested	(\$000)
Info Sys - I	.sc	OPA	0000	)	4,326
			TOT	AL	4,326

PAGE NO. 174

1.COMPONENT						2.DATE	
	1994 MILITAE	RY CONST	RUCTIO	N PR	OJECT DATA		
ARMY						A.	PRIL 1993
3.INSTALLATION AND LOC.	ATION		4.PROJE	CT TI	TLE		
Fort Bragg							
					Equipment S		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJ	ECT NUME	BER	1	COST (\$00	-
					Auth		100
22696A	214		4641		Approp	7,	100
	9	.COST EST	IMATES				
	ITEM			U/M	QUANTITY	UNIT COST	(\$000)
PRIMARY FACILITY							4,935
Vehicle Maintena	nce Shop, Org.			SF	34,110	88.80	(3,029
Deployment Equip	ment Storage			SF	3,500	40.00	(140
Oil Storage Buil	ding			SF	540	70.00	(38
Sentry Station				SF	80	225.82	(18
Fuel Dispensing	Building			SF	120	205.98	(25
Total from Conti				1 1			(1,685
SUPPORTING FACILIT	IES						1,428
Electric Service				LS			(149
Water, Sewer, Ga	S			LS			(111
Steam And/Or Chi	lled Water Distr			LS			(107
Paving, Walks, C	urbs And Gutters			LS			(48
Storm Drainage				LS			(102
	Demo( 29)			LS			(678
Information Syst				LS			(221
Heating Oil Stor				LS			(12
ESTIMATED CONTRACT	COST						6,363
CONTINGENCY PERCEN	T (5.00%)						318
SUBTOTAL							6,681
SUPERVISION, INSPE	CTION & OVERHEAD	(6.0	0%)				401
TOTAL REQUEST					-		7,082
TOTAL REQUEST (ROU	NDED)			1 1			7,100

10.Description of Proposed Construction Construct a standard-design organizational and direct support maintenance shop with vehicle maintenance repair bays, administration and shop control areas, general and compact item repair areas, a special-environment shop, storage, a conference area, and latrines. Install electrically operated doors, lubricant dispensing facilities, exhaust ventilation, compressed air systems, full-width traveling bridge cranes, fire protection and alarm systems, and inspection pits. The complex will include deployment equipment storage, oil storage, sentry station, fuel islands and pumps, vehicle hardstands, a crypto vault with an intrusion detection system (IDS), and underground fuel storage tanks. Widen the road to the shop entrance. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; security lighting; oil storage tank; fencing and gates; information systems; and site improvements. Heating and air conditioning (20 tons) will be provided by self-contained units for the administrative areas, crypto vault, and the special environment shop only. Mechanical ventilation: 92,747 CFM. Demolish five buildings (9,038 SF) within the footprint. Supporting facilities costs are high because of extensive site work and demolition requirements.

(4,616)

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

5.PROJECT	NUMBER	RIL 1993
5.PROJECT	NUMBER	-
5.PROJECT		641
5.PROJECT		541
5.PROJECT		641
5.PROJECT		5 <b>41</b>
	4 (	641
1	41	641
	Unit	Cost
QTY	COST	<u>(\$000)</u>
2,027	96.13	(195
26,330	35.00	(922
5,400	35.00	(189
30,000	8.10	(243
5	2,200	(11
		(125
	Total	1,685
	30,000	

11. REQUIREMENT: 1,379,914 SF ADEQUATE: 445,427 SF SUBSTANDARD: 216,758 SF PROJECT: Construct a standard-design tactical equipment shop. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide essential maintenance for the 35th Signal Brigade and organizational maintenance for 337 wheeled vehicles and combat trailers assigned to the 25th Signal Battalion and Headquarters and Headquarters Company (HHC), 35th Signal Brigade.

CURRENT SITUATION: The 25th Signal Battalion and HHC, 35th Signal Brigade, share extremely crowded maintenance facilities with the 50th and 426th Signal Battalions. These facilities were designed to house only two battalions. These facilities currently have five times as much equipment as the facilities were originally designed for. The cramped conditions cause ineffective operational control and inadequate security. Present facilities have no provisions for generator maintenance or communications, crypto, or small item repair. The existing two-lane road serves various vehicle maintenance shops and a large number of World War II structures, and is adequate to support the existing and future maintenance facilities in this area. The missions of these units do not include a rapid deployment requirement. As such, it is not appropriate to collocate this proposed maintenance facility with that proposed for the 782d Maintenance Battalion.

IMPACT IF NOT PROVIDED: If this project is not provided, the 25th Signal Battalion and HHC, 35th Signal Brigade, must continue maintenance functions in severely crowded and inadequate facilities. Readiness posture will be severely hampered, and troop productivity will suffer due to the crowded, inadequate conditions or in areas exposed to the elements.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all

1.COMPONENT					2.DATE	
1.COMPONENT		FY 1994	MILITARY CONSTRUCTION PRO	TROTT DATE	2.DATE	
ARMY		FI 19 <u>23</u>	MILITARI CONSTRUCTION PRO	DECT DATA	APR	L 1993
3.INSTALLATION A	ND LOC	ATION			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Fort Bragg, N	orth	Carolina				
PROJECT TITLE				5.PROJECT	NUMBER	
				ļ.		
Tactical Equi	pment	Shop	<del> </del>		464	11
ADDITIONAL:	100	NTTNIIFD \				
			ded in the Design Criteria	Information	n System	
•			of meeting this requireme		-	ed
			This project is the only			
the requireme	nt.					
12. SUPPLEME						
		l Design I	)ata:			
(1)	Stat		Start Date		,TAN	1992
			Complete As Of 01 January			35
			Complete As Of 01 October			
			Complete Date			
		-				
(2)	Basi					
	(a)		l or Definitive Design - (Y			
	(b)	Where Design Was Most Recently Used				
		Fort Bra	ıgg			
(3)	Tota	l Design	Cost(c) = (a)+(b) OR(d)+	(e):	(\$(	000)
(-7			ion of Plans and Specificat			390
			er Design Costs			202
	(c)	Total De	esign Cost			592
	(d)	Contract	<b>:</b>			342
	(e)	In-house	3			250
	0		Start		EED	1004
(4)	cons	struction	Start		month &	
					monen o	jeur
B. Equi	pment	associat	ed with this project which	will be p	rovided fi	rom
other appro	-			_		
					al Year	
Equipment			Procuring		opriated	Cost
Nomenclat	ure		Appropriation	Or R	equested	(\$000)
The Fault	nt		OPA	199	4	33
IDS Equipme Info Sys -			OPA	199		4,583
Inio Sys -	-50		V	199	-	.,505
				TO	TAL	4,616

DD 1 PORM 1391C

1.COMPONENT								In name	
1.COMPONENT		-04						2.DATE	
3.53.07	FY 1	994	MILITARY	CONST	ROCTIO	N PRO	OJECT DATA	l .	DDTT 1003
ARMY 3. INSTALLATION AN	D LOCAT	TON			4.PROJE	CM MT	TIT P	A.	PRIL 1993
	D LOCAL	ION			4.PROJE	CI II	ILE		
Fort Bragg									
North Carolina   Whol 5.PROGRAM ELEMENT   6.CATEGORY CODE   7.PROJECT NU							gade Barrac		
5.PROGRAM ELEMENT		b.CATEG	ORY CODE	7.PROJ	ECT NUME	BEK		COST (\$00	•
							Auth	71,	
22696A		<u> </u>	721	1	35358		Whiteh	71,	600
			9.0	COST EST	IMATES				
		11	EM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY								49,409
Brigade Are	a Barr	acks				SF	243,000	72.00	(17,496)
Company Ope	ration	s Buil	ding			SF	79,857	72.92	(5,824)
Dining Faci	lity					SF	14,116	145.00	(2,047)
Battalion H	eadqua	rters	Building			SF	51,536	78.59	(4,050)
Brigade Head	dquart	ers Bu	ilding			SF	10,100	81.00	(818)
Total from	Contin	uation	page						(19,174)
SUPPORTING FA	CILITI	ES		-					14,921
Electric Se	rvice					LS			(2,331)
Water, Sewe	r, Gas					LS	1		(559)
Steam And/O	r Chil	led Wa	ter Distr			LS			(2,218)
Paving, Wal	ks, Cu	rbs An	d Gutters			LS			(2,595)
Storm Drain	age					LS			(506)
Site Imp( 4	,506)	Demo(	1,139)			LS			(5,644)
Information	Syste	ms				LS			(1,068)
ESTIMATED CON	TRACT	COST				$\Box$			64,330
CONTINGENCY P	ERCENT	(5.0	0%)						3,217
SUBTOTAL						1			67,547
SUPERVISION,	INSPEC	A MOIT	OVERHEAD	(6.0	(80				4,053
TOTAL REQUEST									71,600
TOTAL REQUEST (ROUNDED)									71,600

10 Description of Proposed Construction Revitalize Brigade Area Barracks Complex. Project includes constructing new barracks, company operations facilities, battalion and brigade headquarters, dining facilities, common use facilities, close-in training area, standard-design general purpose warehouse, parachute packing and drying facility, chiller plant, and heating plant. Barracks will include living/sleeping room, private bath, walk-in closets, storage, day room, television rooms, and laundry; exterior room entrances; two ceiling fans, and independent thermostat controls per room. Construct two-story company operations facilities for two large, three medium, and 12 small companies, three small and one large battalion headquarters, and one brigade headquarters based on the standard constrained site designs. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Construct a standard-design dining facility. Construct a heating plant and chiller plant (1,000 tons). Relocate Jump Training Facility. Asbestos removal is required. Supporting facilities include utilities; electric service; fire protection and alarms systems; picnic tables, benches, and bike racks; fencing and gates; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating and air conditioning (975 tons) will be provided. Demolish 20 buildings (230,730 SF) within the footprint, which

(1,865)

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

1. COMPONENT			2.DATE	
FY 1994 MILITARY CONST	FRUCTION PROJ	ECT DATA	API	RIL 1993
3.INSTALLATION AND LOCATION				
Paut Buses Nouth Causlins				
Fort Bragg, North Carolina		5.PROJECT		
4.PROJECT TITLE		5. PROJECT	NUMBER	
Whole Brigade Barracks Complex			3	5358
9. COST ESTIMATES (CONTINUED)				
			Unit	Cost
<u>Item</u>	<u>U/M</u>	QTY	COST	(\$000)
PRIMARY FACILITY (CONTINUED)				
Relocate Jump Training Facility	LS			(1,360
Parachute Packing Facility	SF	125,502	51.00	
General Purpose Warehouse	SF	68,878	45.00	(3,100
Central Energy Plant	LS			(4,921
EMCS Connections	LS			(1,000
IDS Installation	LS			(25
Building Information Systems	LS			(2,367
			Total	19,174

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

includes the Parachute Packing Facility and General Purpose Warehouse.

11. REQUIREMENT: 20,577 PN ADEQUATE: 13,840 PN SUBSTANDARD: 2,470 PN PROJECT: Revitalize a Brigade Area Barracks Complex to meet the Whole Barracks Renewal Program Standard. (Current Mission) REQUIREMENT: This project is required to provide barracks for the 82d Airborne Division using the Whole Barracks Renewal Program standard. This project will provide housing for a total of 833 enlisted personnel. Maximum utilization is 900 persons. These barracks require upgraded furnishings, upgraded laundry, a common use facility, site improvements around barracks, increased parking, and contiguous recreation areas to meet Army Community of Excellence standards. This project will upgrade the existing heating plant and construct a new chiller plant to support the construction of the barracks and administrative facilities in this project. This project is the first of several phases required to improve the quality-of-life for single soldiers. This project will also construct four battalion headquarters and one brigade headquarters for the 82d Airborne Division, to replace existing substandard facilities.

CURRENT SITUATION: The typical barracks for the 82d Airborne Division soldier was constructed in 1955. These barracks are nearly 40 years old, the infrastructure is decaying, the soldiers still use gang latrines and showers, and existing heating, ventilation, and air conditioning (HVAC), and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structure, and water infiltration in the concrete slabs. The existing heat plant was constructed in 1955. Today this plant supplies hot water and heat to barracks, company administrative facilities, battalion headquarters, brigade headquarters, and various community activities in the 82d Division Arc District. Due to the age of the plant, Fort Bragg is faced with costly maintenance repairs and upkeep. The existing chiller plant was constructed 1974. The 82d Airborne Division uses

1. COMPONENT		2.0	PATE
ARMY	FY 19 <u>94</u> MILITARY CONSTRUCTION PROJE	CT DATA	APRIL 1993
3.INSTALLATION AN	D LOCATION	•	
Fort Bragg, No	orth Carolina		
4.PROJECT TITLE		5.PROJECT NUMBI	ER
27 1	Paramaka Camalan		25250
whole Brigade	Barracks Complex		35358
CURRENT STTHAT	CION: (CONTINUED)		
	spersed, inadequate facilities to accommod	late brigade	and
	nistrative functions: a typical brigade n		
	sed administrative facilities. Battalion h		
combination of	a module building designed for storage	and converted	d barracks
space. Adminis	strative facilities have inefficient offic	e layouts. I	Barracks
	ed to battalion headquarters has not been		
	lquarters standard. Temporary facilities v		
	projects. The two-story designs are requ		
	strained building sites caused by the need		
IMPACT IF NOT	or the recovery of the endangered red-cocle PROVIDED: If this project is not provided in the p		
	borne Division area will continue to dete		
	le of the Division will be negatively affe		
	cations will continue to be split in mult:		
	at are nearly 40 years old.	•	
ADDITIONAL:	This project has been coordinated with the	ne installat:	ion physical
	and all required physical security and/		
	res are included. This project complies w		
1	DD 4270.1-M, Construction Criteria, that		-
	emented by the Army's Architectural and Enditorial and Enditorial dated 9 December 1991, with the		
	visions included in the Design Criteria I		
	native methods of meeting this requirement		
	development. This project is the only for		
the requiremen		•	
	NTAL DATA:		
	nated Design Data:		
(1)	Status:		ann 1000
	<ul><li>(a) Design Start Date</li><li>(b) Percent Complete As Of 01 January 9</li></ul>		
	(c) Percent Complete As Of 01 October 9		
	(d) Design Complete Date		
	(4) 200232 00272000 22001111111111111111111111111		
(2)	Basis:		
	(a) Standard or Definitive Design - (YE	S/NO) N	
	(b) Where Design Was Most Recently Used		
/23	Total Design Cost (a) = (a)+(b) OF (d)+(	-	(\$000)
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$ (a) Production of Plans and Specification		• • •
	(b) All Other Design Costs		
	(c) Total Design Cost		
1	•		

1.COMPONENT				2.DATE	
I.COMPONENT	FY 1994	MILITARY CONSTRUCTION PRO	ATENT DATE	2.DATE	
ARMY	1 11	marian construction in	ODCI DAIA	APRI	L 1993
3. INSTALLATION AN	ID LOCATION				
					- 1
Fort Bragg, N	orth Carolina				
4.PROJECT TITLE			5. PROJECT N	UMBER	
					- 1
Whole Brigade	Barracks Comp	lex		353	358
	NTAL DATA: (Co	ata: (Continued)			- 1
A. ESCI				-	3,500
		·····			2,050
	(-,				7
(4)	Construction	Start		JAN	1994
i i				month &	
		ed with this project which	n will be pr	ovided fr	com
other approp	priations:				
				l Year	
Equipment		Procuring		priated	Cost
Nomenclati	ure	Appropriation	Or Re	quested	(\$000)
IDS Equipme	nt	OPA	1994		39
Info Sys -		OPA	0000		1,826
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			TOT	AL	1,865
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1.COMPONENT						<del></del>	2. DATE	
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ARMY	FI 19 <u>54</u>	MILITARI	CONST	RUCTIO	N PA	MECT DATA		PRIL 1993
3. INSTALLATION AND	D LOCATION			4. PROJE	CT TI	TIR	<u>~</u>	PR111 1995
North Carolina	•			Sewan	- Tr	eatment Pla	ent linar	ada
5. PROGRAM ELEMENT		EGORY CODE	T7. PROJ	ECT NUMB		8.PROJECT		
J.FROGRAL BEG	1,	BOOK. CODE	1,	DC1	D	Auth	• • •	540
22696A	i	831	1	40444		Approp		540
220708			COST EST					
		ITEM			U/M	OUANTITY	UNIT	COST
		TTER			ا "" ا	QUANTITI	COST	(\$000)
PRIMARY FACILI	TY				$\Box$			431
Ultraviolet					Ls			(320)
Concrete Str	ructure				Ls			(100)
Building Inf	formation S	ystems			LS			(11)
						. 1		
i						i		
					$\sqcup$			
SUPPORTING FAC					1		ĺ	52
Electric Ser					LS			(38)
Information	Systems				LS			(14)
l								
ĺ							1	1
ĺ								Į
								i
ESTIMATED CONT	TRACT COST				$\vdash$			483
CONTINGENCY PE		.00%)						24
SUBTOTAL		,				į l	İ	507
SUPERVISION, 1	INSPECTION	& OVERHEAD	(6.0	00%)		į l		30
TOTAL REQUEST			•	•	1			537
TOTAL REQUEST							ł	540
INSTALLED EQUI		ER APPROPRIAT	CIONS					(0)
L								l
10.Description of Prop	posed Construction	<ul> <li>Upgrade</li> </ul>	the so	ewage t	reat	ment plant	(STP).	Work

10.Description of Proposed Construction Upgrade the sewage treatment plant (STP). Work includes the design, fabrication, and installation of a fully integrated ultraviolet (UV) disinfection system. The UV system will have sufficient capacity to treat a peak flow of 12 million gallons daily (MGD) and an average flow of eight MGD. It will be capable of reducing the fecal coliform count to 200/100 ml. Facility will consist of two parallel channels to accommodate the UV equipment with sufficient space allocated to perform all monitoring and maintenance work to operate the system. The UV disinfection system will alter existing 36-inch pipe to allow it to function as a bypass. The new channels will serve as the normal effluent flow path. Supporting facilities include electric service and information systems.

11. REQUIREMENT: 12,000 KG ADEQUATE: NONE SUBSTANDARD: 12,000 KG PROJECT: Upgrade sewage treatment plant. (Current Mission)

REQUIREMENT: This project is required to meet the discharge standards prescribed by the North Carolina Department of Natural Resources and Community Development and to meet the operating requirements of the National Pollutant Discharge Elimination System (NPDES) permit.

ARMY  3. INSTALLATION AND LOCATION  PORT Bragg, North Carolina  4. PROJECT TITLE  Sewage Treatment Plant Upgrade  40444  CURRENT SITUATION: The sewage treatment plant was constructed in 1940-42 with major upgrades in 1981 and 1991. Fort Bragg cannot meet the STP effluent restrictions and discharge limitations of the NPDES permit issued in September 1991 without the construction of additional wastewater treatment facilities continue polluting the Little River with effluent in excess of North Carolina Department of Natural Resources and Community Development standards.  ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DDD 4270.1-M, "Construction Criteria," that were in effect 1 January 1997, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.  12. SUPPLEMENTAL DATA:  A. Estimated Design Start Date.  (a) Design Start Date.  (b) Percent Complete As Of 01 January 93 (BDGT YR).  (c) Percent Complete As Of 01 October 93 (PROG YR).  (d) Design Complete Date.  (a) Standard or Definitive Design - (YES/NO) N  (b) Where Design Was Most Recently Used  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications.  (a) Production of Plans and Specifications.  (a) Production of Plans and Specifications.  (a) Production of Plans and Specifications.  (b) All Other Design Costs.  (c) Total Design Cost (c) = (a)+(b) OR (d)+(e):  (d) Contract.  (d) Construction Start.  (d) Construction Start.	1.COMPONENT	1			2.DATE
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S. PROJECT NUMBER   S. PROJECT NUMBER	3. INSTALLATION A	ND LOCA	rion		
S. PROJECT NUMBER   S. PROJECT NUMBER					
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(c) Percent Complete As Of 01 October 93 (PROG YR). 100 (d) Design Complete Date. 240 1993  (2) Basis: (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications 27 (b) All Other Design Costs 50 (c) Total Design Cost 61 (d) Contract 62 (e) In-house 63  (4) Construction Start 63  (6) MAR 1994					
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(a) Production of Plans and Specifications       27         (b) All Other Design Costs       16         (c) Total Design Cost       43         (d) Contract       32         (e) In-house       11         (4) Construction Start       MAR 1994					
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(d) Contract		(b)	All Other Design Costs		16
(e) In-house		(c)	Total Design Cost		43
(4) Construction Start		(d)	Contract		32
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• •					1004
month & year	(4)	Cons	ruction Start	• • • • • • • • • • • • • • • • • • • •	
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1.COMPONENT				2.DATE	
	FY 19 <u>94</u>	MILITARY CONSTRUCTION PRO	OJECT DATA		
ARMY		_ · · · ·		APRI	L 1993
3.INSTALLATION AN	D LOCATION				•
Fort Proge M	omth Complian				
Fort Bragg, No 4.PROJECT TITLE	orth Carolina		5.PROJECT	IIIMBPD	
			J.FRODECT (	TOTIBER	
Sewage Treatme	ent Plant Upgra	de		404	144
		***************************************	<u> </u>		
12. SUPPLEMEN	TAL DATA: (CO	NTINUED)			
B. Equip	pment associate	d with this project whic	h will be p	rovided fi	rom
other approp	riations:				
				al Year	
Equipment		Procuring		opriated	Cost
Nomenclatu	ire	Appropriation	Or Re	equested	<u>(\$000)</u>
		None			
		None			

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

	ROJECT IMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Oklahoma 3	15242	Fort Sill (TRADOC) Whole Barracks Renewal	15,700	15,700	187 189
		Subtotal For Fort Sill PART I	\$ 15,700	15,700	
		* TOTAL MCA FOR Oklahoma	\$ 15,700	15,700	

COMPONENT ARMY	FY 1994 MILI	ITARY CONSTRUCTION PROG	KAM	2. DATE APRIL 1993
INSTALLATION AND LO	CATION 4. COR	MAMD		5. AREA CONSTRUCTION COST INDEX
Fort Sill	IIS AYDV '	Training and Doctrine C	command	COST INDEX
Oklahoma	os talling			0.81
6. PERSONNEL STRENG	TH: PERMANENT	STUDENTS	SUPPORTED	
o. PERSONNELI STREMS	OFFICER ENLIST CIVIL OF			IVIL TOTAL
A. AS OF 30 SEP 1993	2 1480 11424 2510	942 5455 1	70 79	2823 24,784
B. END FY 1999	1297 9990 2339	778 5222 0	70 79	2823 22,598
	7.	INVENIORY DATA (\$000)		
A. TOTAL ACREAGE	94,222 AC			
B. INVENTORY TOTAL	AL AS OF 30 SEP 1992		1,6	03,935
	NOT YET IN INVENTORY			0
	REQUESTED IN THE PY 1994			15,700
	INCLUDED IN THE PY 1995			38,000
	OUT FOUR YEARS (NEW MISSIO			0 99,752
	TCIENCY			•
H. GRAND TOTAL				
	ED IN THE PY 1994 PROGRAM	t:		
CATEGORY PROJECT			COST	DESIGN STATUS
CODE NUMBER	PROJECT TITLE	3	(\$000)	START COMPLETE
721 35242	Whole Barracks Renewal		15,700	05/1992 09/1993
		TOTAL	15,700	
9. FUTURE PROJECTS:				
CATEGORY	PROJECT TITLE		(\$000)	
CODE	THE PY 1995 PROGRAM:	3	(\$000)	
214	Tactical Equipment Shop	0	22,000	
721	Whole Barracks Renewal	r	16,000	
		TOTAL	38,000	
B. PLANNED NEXT	FOUR PROGRAM YEARS (NEW	MISSION ONLY): NONE		
10. MISSION OR MAJO	OR STATEMENT			
	aining of artillery and m	issile units, operation	of the US	
••	ry Center and School, US			
	activities and Reserve Co			
		•		
PORM 1390	PREVIOUS EDI'	TIONS MAY BE USED I	NTERNALLY	PAGE NO.

OCHPONENT PY 1994 MILITARY CONSTRUCTION PROGRAM  2. DATE APRIL 1:  INSTALLATION AND LOCATION: Fort Sill Oklahoma  11. OUTSTANDING POLIDITION AND SAPETY DEFICIENCIES:  (\$000)	993
INSTALLATION AND LOCATION: Fort Sill Oklahoma  11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
11. Outstanding pollution and safety deficiencies:	
11. Outstanding pollution and safety deficiencies:	
(\$000)	
A. AIR POLLUTION 0  B. WATER POLLUTION 0	
C. OCCUPATIONAL SAPETY AND HEALTH 0	

1.COMPONENT	-							2.DATE	
	FY 19	194	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		
ARMY	<u> </u>							A.	PRIL 1993
3. INSTALLATION A	D LOCAT	ON			4.PROJE	CT TI	TLE		
Fort Sill									
Ok <b>laho</b> ma					Whole	Bar	racks Renev		
5. PROGRAM ELEMENT	7	6.CATE	GORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)
							Auth	15,	700
85796A			721		35242		Approp	15,	700
			9.00	OST EST	IMATES				
		1	TEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY								12,892
Rebuild Bar	racks (	3)				SF	125,697	56.50	(7,102)
Asbestos Re	noval	•				LS			(144)
Bn/Bde Hqs	Buildir	ıg				SF	36,600	71.30	
Company Ope	rations	;				SF	29,400	71.30	(2,096)
Elevated Wa	ter Sto	rage	Tower			LS	'		(731)
Total from	Continu	atio	n page						(209)
SUPPORTING FA	CILITIE	S							886
Electric Se	rvice	_				LS			(60)
Water, Sewe	r, Gas					LS			(130)
Paving, Wall	ks, Cur	bs &	Gutters			LS			(255)
Storm Drain	age					LS			(50)
Site Imp(	175) I	ето(	186)			LS			(361)
Information	System	as .	•			LS			(30)
	-								, ,
ESTIMATED CON									13,778
CONTINGENCY P	ERCENT	(7.	50%)						1,033
SUBTOTAL									14,811
SUPERVISION,	INSPECT	NOI	& OVERHEAD	(6.0	0%)	1			889
TOTAL REQUEST									15,700
TOTAL REQUEST	(ROUNI	ED)							15,700
TNSTALLED FOIL	TPMFNT-	OTHE	P ADDRODRIATI	ONG		1			(155)

Nodernize three barracks. Work includes living/sleeping room with private bath and walk-in closets, asbestos removal, removing and installing new walls. Provide floor covering, wall and ceiling finishings, private exterior entrances, and replace roofs. Convert first floor administrative and dining space to barracks and day room. Basement space will be converted to laundry and storage. Construct two modified standard-design Battalion Headquarters (Hgs), one Brigade Hgs, and eight standard-design Company Operations Facilities, and an elevated water tower. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, storm drainage, information systems, and site improvements. Heating and air conditioning (250 tons) will be provided from existing self-contained plants. Demolish three buildings (18,614 SF) and hardstand (2,500 SY) within the footprint.

11. REQUIREMENT: 4,009 PN ADEQUATE: 575 PN SUBSTANDARD: 4,021 PN PROJECT: Modernize three barracks to meet the Whole Barracks Renewal Program Standard and construct one Brigade Hqs, two Battalion Hqs, and eight company operations facility, and an elevated water tower. (Current Mission)

1.COMPONENT	Y CONSTRUCTION PROJ	ECH DAMA	2.DATE	
ARMY ARMY	CONSTRUCTION PROD	ECT DATA		APRIL 1993
3.INSTALLATION AND LOCATION				
Fort Sill, Oklahoma				
4.PROJECT TITLE		5.PROJECT	NUMBER	
Whole Barracks Renewal				35242
9. COST ESTIMATES (CONTINUED)				
			Unit	Cost
<u>Item</u>	<u>U/M</u>	QTY	COST	(\$000)
PRIMARY FACILITY (CONTINUED)				
EMCS Connection	LS			(20)
IDS Installation	LS			(10)
Building Information Systems	LS			(179)
			Total	200

REQUIREMENT: This project is required to provide living quarter improvements in three enlisted barracks which were constructed in 1954. Space criteria for barracks has been revised to provide larger rooms, private baths, and relocate all administrative functions out of the barracks buildings. This project will provide housing for a total of 396 enlisted personnel (PN) (336 E1-E4 and 60 E5-E6). Maximum utilization will be 456 enlisted personnel. This is the first of ten barracks modernization projects and will rebuild three barracks, including converting administrative and dining space to barracks and day rooms. New facilities for one brigade, two battalions and eight batteries are required to replace the converted space in the existing barracks buildings. This project will provide a better environment for today's enlisted soldiers. Correction of substandard conditions will contribute to the health, welfare, and morale of the service members.

CURRENT SITUATION: Each barracks currently provides living quarters for 88 E1-E4, and 12 E5-E6 personnel with a maximum utilization of 112 enlisted soldiers. Barracks were constructed in 1954 and remodeled in 1975. All systems have deteriorated; lighting and electrical outlets do not meet current standards; domestic hot water and heating systems are inefficient and antiquated. The overall maintenance needs of these buildings are excessive. Administrative space is limited and current layouts do not meet current standards and requirements of the modern Army. New design criteria also indicates that administrative space must be relocated outside the barracks buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities. As a result major systems will fail, and costs of maintenance and repair will continue to escalate. Goals of the Army's Installation of Excellence Programs will not be met, which may directly affect the soldiers' morale, leading to loss of quality support to the Army.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all

1.COMPONENT	WW 3004			2.DATE	
ARMY	FY 19 <u>94</u>	MILITARY CONSTRUCTION PR	OJECT DATA	ADD	LL 1993
3. INSTALLATION AND	D LOCATION			I AIK.	<u>. 1775</u>
Fort Sill, Okl	ahoma				
4.PROSECT TITLE			5.PROJECT N	IUMBER	
Whole Barracks	Renewal			352	242
ADDITIONAL:		d in the perion duitant			
		ed in the Design Criteria s has been prepared and u			t this
project.		zeen preparea ana e	icilibed in c	.valdacing	, chis
12. SUPPLEMEN					
	ated Design Da Status:	ita:			
		art Date		MAY	1992
	(b) Percent (	Complete As Of 01 January	93 (BDGT YE	1)	35
	(c) Percent (	Complete As Of 01 October	93 (PROG YF	i)	90
	(d) Design Co	omplete Date		··· DEC	1993
(2)	Basis:				
, ,		or Definitive Design - (	YES/NO) Y		
		ign Was Most Recently Us			
	Fort Hood				
(3)	Total Design C	ost (c) = (a)+(b) OR (d)	+/0).		
	(a) Production	on of Plans and Specification	tions	(\$0	852
	(b) All Other	Design Costs		—	142
	(c) Total Des	ign Cost			994
		• • • • • • • • • • • • • • • • • • • •			
	(e) In-house.	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	994
(4)	Construction S	tart		APR	1994
				month &	
B. Equip		A			
other approp		d with this project whic	n will be pr	ovided fr	om
			Fisca	l Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclatu	re	Appropriation	Or Re	quested	(\$000)
IDS Equipmen	t	OPA	1994		64
Info Sys - I		OPA	1994		91
			TOT	AL	155
DD PORM 1391C	PREVI	OUS EDITIONS MAY BE USED INTER	NALLY	PAGE NO	0. 191

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## DEPARTMENT OF THE ARMY PISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMIND) PROJECT TITLE	A -	UIHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Pennsyl	vania 32876	Tobyhanna Army Depot (AMC) Water Pollution Abatement (DBOF)		750	750	195 197
		Subtotal For Tobyhanna Army Depot PART I	ş	750	750	
		* TOTAL MCA FOR Pennsylvania	\$	750	750	

	COMPONENT ARMY		FY 1994 MII	LITARY CON	STRUCT	ION PROG	RAM		2. DAT	RIL 1993
	INSTALLATION AND LO			MMAND Materiel	Comman	d				EA CONSTRUCTION ST INDEX
_	Pennsylvania		1							1.11
	6. PERSONNEL STRENG	TH: PERMA	NENT	STUDE	ents		SUP	PORTED		
		OFFICER ENL	IST CIVIL (	OFFICER E	ulst c	IVIL OF	ficer e	LIST C	IVIL TO	<b>TAL</b>
	A. AS OF 30 SEP 199	2 8	24 3364	0	0	0	4	5	57	3,462
	B. END FY 1999	10	18 3486	0	0	0	6	6	633	4,159
			7	INVENTOR	Y DATA	(\$000)				
	A. TOTAL ACREAGE		1,293 AC	1111211011		(4000)				
	8. INVENTORY TOT							3	85,784	
	C. AUTHORIZATION	NOT YET IN I	NVENTORY						0	
	D. AUTHORIZATION	REQUESTED IN	THE FY 199	4 PROGRAM					750	
	E. AUTHORIZATION	INCLUDED IN	THE FY 1995	PROGRAM.					0	
	P. PLANNED IN NE	AT FOUR YEARS	(NEW MISSIO	ON ONLY).					0	
	G. REMAINING DEF								13,500	
	H. GRAND TOTAL							4	00,034	
	CATEGORY PROJECT CODE NUMBER 871 32876		PROJECT TITLE				(\$0	00) 750	START	STATUS COMPLETE 06/1992
					TOT	'AL		750		
	9. FUTURE PROJECTS:									
	CATEGORY						œ	ST		
	CODE	1	PROJECT TITL	E			(\$0			
	A. INCLUDED IN			ONE				•		
	B. PLANNED NEXT	POUR PROGRAM	M YEARS (NEW	MISSION	ONLY):	NONE				
	10. MISSION OR MAX Depot Mission:		supply and	maintenan	ce den	ot provid	ling for	the		
	receipt, storage,									
	provide installation									
	assigned facilities							,		
	(Stock Distribution									
	include project co									
	management and mair			-			-			

management and maintenance of custodial records, and preservation, packing, marking and storage of all materials. b. Maintenance: Ground, airborne, navigational, and satellite communications - electronics equipments and missile systems. Worldwide maintenance field service support (on-site) for AUTODIN, SATCOM and interrupted power systems (UPS), AN/TYC-39, and AN/TTC-39. Special Workloads: Provide project design and development service for Special

_	COMPONENT	Tr. 1004 MY 77100		
1.	ARMY	FY 1994 MILITARY CONSTRUCT	MON PROGRAM	2. DATE
	Akrii		1	APRIL 1993
-				
	INSTALLATION	AND LOCATION: Tobyhanna Army Depot	Pennsylvania	
		The months of the same and the	randiriana	
_				
		R FUNCTIONS: (CONTINUED)		
	Fabrication Projects	s (SFP), including procurement data pack	ages. Serve as the	
	Center of Technical	Excellence (CTX) for designated new or	product improved	
		ems. Provide life cycle support, includi		
		1 fabrication, verification/validation,		
		rt planning. Operate an automated test s		
		a test program set (TPS) repository for	CECOM. Serve as a	
	DESCOM TPS Support (	Center.		
	11. OUTSTANDING POLI	LUTION AND SAFETY DEFICIENCIES:		
			(\$000)	)
	A. AIR POLLUTION		(,,,,,	
	B. WATER POLLUTI			
	C. OCCUPATIONAL	SAFETY AND HEALTH	(	

#### DEFENSE BUSINESS OPERATIONS FUND

The following item at Tobyhanna Army Depot, Pennsylvania is the only Army/Defense Business Operations Fund project that is proposed for Fiscal Year 1994

•

1.COMPONENT								2.DATE	
	FY 19	94	MILITARY	CONST	RUCTIO	N PRO	DJECT DATA	1	
ARMY	<u> </u>							A	PRIL 1993
3. INSTALLATION AN					4.PROJE	CT TI	LTE		
Tobyhanna Army	y Depot	-							
Pennsylvania				,			lution Abai		
5.PROGRAM ELEMENT	.	6.CAT	EGORY CODE	7.PROJ	ECT NUME	BER		COST (\$00	•
							Auth		750
22696A			100		32876		Approp		750
			9.0	COST BST	IMATES				
			ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	ITY								480
Lime Feeder						EA	1	193,210	(193)
Detention Po	ond					SF	6,800	17.50	(119)
Sitewall						SF	2,500	37.50	(94)
Concrete Pay	ving					SY	3,000	24.50	(74)
SUPPORTING FAC	CILITIE	ES							194
Electric Ser	rvice					LS			(59)
Water, Sewer						LS			(13)
Paving, Wall	ks, Cur	bs /	And Gutters			LS			(43)
Storm Draina	age					LS			(29)
Site Imp(	50) I	)emo	( )			LS	<u></u>		(50)
ESTIMATED CONT									674
CONTINGENCY P	ERCENT	(5.	.00%)						34
SUBTOTAL									708
SUPERVISION, 3	INSPECT	NOI	& OVERHEAD	(6.0	10%)				42
TOTAL REQUEST									750
TOTAL REQUEST	(ROUNI	DED)							750
INSTALLED EQUI	I PMENT-	OTH!	ER APPROPRIAT	IONS					(0)
						1 1			i

10.Description of Proposed Construction Construct collection channels and detention basin to collect contaminated coal pile runoff. Construct a chemical feed and mix chamber to treat the contaminated runoff prior to discharge. Supporting facilities include water supply line, electric service, walks, pads, storm drainage, removal of a wall and a slab, and site improvements.

11. REQUIREMENT: 378,000 GA ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct a pollution control water collection and detention system. (Current Mission)

REQUIREMENT: This project is required to ensure that Tobyhanna Army Depot (TOAD) complies with the regulations of the National Pollution Discharge Elimination System (NPDES) Permit.

CURRENT SITUATION: Precipitation on the main boiler plant coal pile leaches contaminants from the coal, and the runoff flows across an adjacent field, contaminating Hummler Run and Tobyhanna Creek. Hummler Run is classified as a high quality coldwater fishery by the Pennsylvania Department of Environmental Resources and requires protection. TOAD is a National Priority List (NPL) site, and construction of this project will address corrective action associated with this solid waste management unit.

1.COMPONENT		2004						2.DA	TE	
ARMY		FY 19 <u>94</u>	MILITARY	CONSTR	UCTION	PROJI	CT DATA	1	ADDIT 1	
3. INSTALLATION	AND LOCA	ATION						—	APRIL 1	.993
Tobyhanna A	rmy Dep	ot, Pennsy	ylvania		,					
4.PROJECT TITL	E				•		5.PROJECT	NUMBER	R	
							l			
Water Pollu	tion Ab	atement (I	DBOF)						32876	
IMPACT IF N			f this pro							
continue to										
and will can										
Creek. With										
fined by the US Environme										
project wil										;
forth in the		-	_			-				
USEPA Region		ngeno, ng	,reemene b	, c c # c c 1	i che b	cpur u	uenc or	che Al	Lmy and	
ADDITIONAL:		project h	nas been c	coordin	ated w	ith th	ne insta	llatio	on physic	al
security pla										
measures ar	e requi	red. This	project c	omplie	s with	the s	scope an	d des	ign	
criteria of	DOD 42	70.1-M, "C	Constructi	on Cri	teria,	" that	t were i	n eff	ect 1	
January 198										
Instruction										
1992 and al										n
System (DCI										
explored du			≥lopment.	This p	roject	is th	ne only	feasil	ble optio	'n
to meet the	requir	ement.								
12. SUPPLE	MENTAL	DATA.								
		Design Da	ata:							
(1		-								
	(a)	Design St	tart Date.						MAY 199	1
	(b)		Complete A							_
	(c)		Complete A							0
	(d)	Design Co	omplete Da	te					JUN 199	2
(2)	) Basi									
	(a)		or Defini				S/NO) N			
	(p)	Where Des	sign Was M	lost Re	cently	Used				
		1 D C	3 /-\ -	4-114	L. 00					
(3)	(a)	l Design C							(\$000)	
	(a) (b)		on of Plan							0
	(c)		r Design C sign Cost.							0
	(d)									0
	(e)									50
	(-)									_
(4)	Cons	truction S	Start						JAN 199	4
, ,									nth & yea	
									•	

1.COMPONENT	I			2.DATE					
FY 1994 MILITARY CONSTRUCTION PROJECT DATA ARMY APRIL 199									
3.INSTALLATION AN	D LOCATION			ALKI	н 1773				
Tohyhanna Arm	y Depot, Pennsylva	nia							
4.PROJECT TITLE	y bepoer remmyrva		5. PROJECT N	UMBER					
Water Pollutio	on Abatement (DBOF	71		328	76				
Water rollaci	on moderate (book	·		320	., .				
12 STEPLEMEN	NTAL DATA: (CONTI	NIED)							
B. Equip	pment associated w	ith this project which	will be pr	ovided fr	·on				
other approp	priations:		Ficca	l Year					
Equipment		Procuring		priated	Cost				
Nomenclati	ure	Appropriation	Or Re	quested	(\$000)				
		None							

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART 1) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		P	UTHORIZATION	APPROPRIATION	
NUMBER		PROJECT TITLE		REQUEST	REQUEST	PAGE
		<del></del>	-			
South Ca	arolina	Fort Jackson (TRADOC)				203
	3240	Operations Facility		1,100	1,100	205
	6936	Range Upgrade		1,600	1,600	208
		Subtotal For Fort Jackson PART I	\$	2,700	2,700	
		* TOTAL MCA FOR South Carolina	\$	2,700	2,700	

1. COMPONENT ARMY	1	FY 1994 MILITARY	CONSTRUCTION PRO	GRAM	2. DATE
ARMY	}				APRIL 1993
3. INSTALLATION AND LO	CATION	4. COMMAND		-	5. AREA CONSTRUCTION
					COST INDEX
Fort Jackson		US Army Traini	ng and Doctrine (	Command	
South Carolina					0.82
					1
6. PERSONNEL STRENG			DENTS	SUPPORTED	
A. AS OF 30 SEP 199		ST CIVIL OFFICER			
B. END PY 1999			12226 76 13287 47	26 98 33 74	113 18,217
U. E.C. 11 1777	008 33	12 2/6/ 23/	13287 47	33 /4	575 20,960
		7. INVENTO	ORY DATA (\$000)		
A. TOTAL ACREAGE		52,304 AC			
8. INVENTORY TOTAL	AL AS OF 30 S	EP 1992		1,10	2,169
		VENTORY			0
		THE FY 1994 PROGRA			2,700
		E FY 1995 PROGRAM			4,800
		(NEW MISSION ONLY)			0
					1,139
H. GRAND TOTAL				1,15	0,808
8. PROJECTS REQUESTS	PD IN THE PV 1	204 PROCESH			
CATEGORY PROJECT		799 PROGRAM:		COST	DESIGN STATUS
CODE NUMBER		JECT TITLE		(\$000)	START COMPLETE
	Operations F				03/1992 09/1993
	Range Upgrade	-			01/1992 09/1993
				1,000	01/1772 07/1773
			TOTAL	2,700	
<ol> <li>FUTURE PROJECTS:</li> <li>CATEGORY</li> </ol>					
CATEGORY	P.P.	JECT TITLE		COST	
A. INCLUDED IN T				(\$000)	
721	Whole Barracl			14,800	
722	William Miliam	as neileway		14,000	
			TOTAL	14,800	
8. PLANNED NEXT	FOUR PROGRAM	EARS (NEW MISSION	ONLY): NONE		
	******				
10					
10. MISSION OR MAJOR					
		and facilities fo			
center for enlisted summer reserve train					
of U.S. Army hospita	1 (435) and m	TENTE CHOICE DIOCE	oozing station. A	130 support	
Toopee	(133) and 10	and the stick diffe	э.		

COMPONENT	FY 1994 MILITARY CONSTRU	CTION PROGRAM	. DATE
ARMY			APRIL 1993
INSTALLATION	AND LOCATION: Fort Jackson	South Carolina	
11. OUTSTANDING POL	JUTION AND SAFETY DEFICIENCIES:		
A. AIR POLLUTION		(\$000)	
B. WATER POLLUT		0	
C. OCCUPATIONAL	SAFETY AND HEALTH	0	

1.COMPONENT								2.DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		
ARMY					T			AP	RIL 1993
3.INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE		
Fort Jackson					1.				
South Carolina				I			s Facility		
5. PROGRAM ELEMENT		6.CAT	EGORY CODE	7.PROJ	ECT NUME	BER	1	COST (\$000	
							Auth	1,1	
91520A			141	OST EST	3240		APPLOP	1,1	00
		-		2031 631	IMAILS				COST
			ITEM			U/M	QUANTITY	COST	(\$000)
PRIMARY FACIL	TY								746
CIDC Field (		ion E	Building			SF	7,450	92.50	(689)
EMCS Connect	ion		-			LS			(24)
IDS Installa	ation					LS			(8)
Building Inf	format	ion S	Systems			LS			(25)
							Α.		
SUPPORTING FAC	CILITI	ES				-		-	258
Electric Ser		_				LS			(65)
Water, Sewer	, Gas					LS			(21)
Paving, Wall	cs, Cu	rbs A	and Gutters			LS			(64)
Storm Draina	age					LS			(27)
Site Imp(	68)	Demo(	)			LS			(68)
Information	Syste	ms				LS			(13)
ESTIMATED CONT	PRACT (	COST							1,004
CONTINGENCY PI	ERCENT	(5.	.00%)						50
SUBTOTAL		•	, i						1,054
SUPERVISION,	INSPEC'	TION	& OVERHEAD	(6.0	00%)				63
TOTAL REQUEST									1,117
TOTAL REQUEST	(ROUN	DED)							1,100
INSTALLED EQU:	PMENT	-отні	ER APPROPRIAT	IONS					(48)
10.Description of Prop	osed Cons	truction	Construc	t a mo	odified	sta	ndard-desi	qn Crimin	al
Investigations	Divi	sion	Command (CID	C) fie	eld ope	rati	ons buildi	ng. Proje	ct
includes admin	nistra	tive	space; a pol	ygrapl	ı suite	; se	cured evid	ence repo	sitory;
suspect isolat	tion a	reas	duty agent	suite,	obser	vati	on and int	erview ar	eas
with acoustic									
and supply sto	orage	and r	maintenance a	reas.	Instal	l an	intrusion	detectio	n
system (IDS).									
Supporting fac					-		_		

systems; and site improvements. Heating and air conditioning (25 tons) will be provided by self-contained systems. Access for the handicapped will be provided.

11. REQUIREMENT: 7,450 SF ADEQUATE: NONE SUBSTANDARD: 7,450 SF PROJECT: Construct a modified standard-design CIDC field operations building. (Current Mission)

protection; sanitary and storm sewers; fire protection and alarm systems; access roads; paving, walks, curbs and gutters; parking; fencing; information

1.COMPONENT								2.DATE			
	F	Y :	19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT	DATA				
ARMY								7	APRIL	1993	
3.INSTALLATION AND LOCATION											
Fort Jackson,	South	C	arolin	a							
4.PROJECT TITLE						5.	PROJECT	NUMBER			
Operations Fac	cility								3240		

REQUIREMENT: This project is required to provide a field office for 13 personnel of the US Army Criminal Investigation Command. Since this unit converts from a Table of Distribution and Allowances (TDA) to Table of Organization and Equipment (TOE) combat support unit in FY 92, space is required for nine non-tactical vehicles, nine High Mobility Multi-Purpose Wheeled Vehicles (HMMWV), and Modified Table of Organization and Equipment (MTOE) for 26-man detachment.

CURRENT SITUATION: The CIDC Field Office at Fort Jackson is currently housed in three temporary World War II buildings. These facilities are approximately 40 years old, with an original life expectancy of approximately five years, and are not suitable for continued use because of unfavorable location, inadequate size, environmental and energy inefficient features, adverse health and safety conditions, and high maintenance and utility costs. These facilities are cold in the winter, and the lack of adequate contiguous space and mission unique space required for CID operations has an increasingly detrimental impact on the CIDC's mission. These buildings need to be demolished as soon as they are vacated.

IMPACT IF NOT PROVIDED: If this project is not provided, these structures will continue to deteriorate. Separation of victims, witnesses, and suspects will continue to consume an inordinate amount of time. A high probability of potential witnesses being seen by suspects and therefore withholding vital information will continue. Operational inefficiency will continue because major activities are located where space permits rather than where function directs. An excessive amount of time will be necessary to eliminate environmental factors on polygraph results. The present space arrangement and working conditions will continue to lower productivity and morale. The conversion to MTOE will exacerbate these problems.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

    - (c) Percent Complete As Of 01 October 93 (PROG YR).. 100
      - \_\_\_\_\_

COMPONENT				2.DATE	
	FY 1994 MI	LITARY CONSTRUCTION PR	ROJECT DATA		
ARMY				APRI	L 1993
INSTALLATION AND	LOCATION				
ort Jackson,	South Carolina				
PROJECT TITLE			5.PROJECT	NUMBER	
perations Fac	ility			324	10
		35			
	<u> FAL DATA:</u> (Conti ated Design Data				
		lete Date		SEP	1993
	(d) bestyn comp	2000 2000 11111111111111111111111111111			
(2)	Basis:				
		Definitive Design -			
		n Was Most Recently U	sed		
	Fort Rucker				
(3)	Total Docies Cor	(c) = (a) + (b) OR (d)	1+(6):	/5/	000)
		of Plans and Specific		* .	60
		esign Costs			96
		n Cost			
					156
(4)	Construction Sta	rt			
				month &	year
			-b (11 be m		m 0 m
		with this project whi	cu wiii be b	rovided I	гош
other approp	liacions.		Fisc	al Year	
Equipment		Procuring	Appr	opriated	Cost
Nomenclatu	re	Appropriation		equested	(\$000
IDS Equipmen	t	OPÄ	199		
Info Sys - I	SC	OPA	199	4	4
			TC	TAL	4

1.COMPONENT							2.DATE	
1.COMPONENT	FY 1	994 MILTTARY	CONST	RUCTTO	N PR	OJECT DATA	4	
ARMY		<u>,</u>	001.01			00201 2	1	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION		4.PROJE	CT TI	TLE		
Fort Jackson								
South Carolina	ı			Range	Upg	rade		
5.PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUMB	ER	8.PROJECT	COST (\$00	00)
						Auth	1,	600
85796A		179		6936		Approp	1,	600
		9.0	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY							1,356
Modified Rec	ord F	ire Range			LS			(1,353)
Building Inf	ormat	ion Systems			LS			(3)
						!		
SUPPORTING FAC	CILITI	ES						74
Electric Ser	rvice				LS			(18)
Storm Draina	ige				LS			(41)
Site Imp(	3)	Demo( 7)			LS			(10)
Information	Syste	ns			LS			(4)
Fuel Oil Sto	orage				LS			(1)
								0.7
DOMENTARD COM	1D 1 Cm	20.Cm						2 420
ESTIMATED CONT								1,430
CONTINGENCY PE SUBTOTAL	LKCENT	(3.00%)				1		1,502
	MCDEC	TION & OVERHEAD	(6.0	081				90
TOTAL REQUEST	INSFEC	IION & OVERHEAD	(0.0	00)				1,592
TOTAL REQUEST	( ROIN	nen i			l			1,600
		-OTHER APPROPRIAT:	TONS		Ì			(354)
L		OTHER HITROTRINI	10110		ł			(334)
10.Description of Prop	osed Cons	truction Construct	t a st	andard	-des	ign, modif	ied reco	rd fire
range on exist	ing r	anges 11 and 12. 1	Primar	y faci	liti	es include	all	
construction w	ithin	the perimeter of	the r	ange c	ompl	ex and inc	lude gen	eral
instruction bu	ildin	g, target emplacer	ments	with p	rote	ctive berm	s, contr	ol
tower, informa	tion :	systems, operation	ns and	stora	ge f	acility, w	eapons c	leaning
and ammunition	disp	ensing shelters,	latrin	es, co	vere	d mess, bl	eacher	
enclosure, fla	g pol	e, and foxholes.	All bu	ilding	s wi	ll be supp	lied wit	h
adequate light	ning	protection. Suppor	rting	facili	ties	include a	ll const	ruction
outside the pe	erimet	er of the range co	omplex	inclu	ding	fire prot	ection,	electric
		nage, paving, fend						
		n systems, and si						rovided
		and storage facil:						
conditioning (	1 ton	) will be provided	d by a	self-	cont	ained unit	for the	control

6 EA ADEQUATE: 1 EA SUBSTANDARD: 3 EA PROJECT: Construct a standard-design modified record fire range. (Current

tower. Demolish two outdated ranges and eight wood structures (2,146 SF) all within the footprint. Targetry will be provided by Other Procurement, Army

11. REQUIREMENT:

(OPA).

1. COMPONENT	2.DATE
FY 19 <u>94</u> MILITARY CONSTRUCTION PROC	APRIL 1993
3.INSTALLATION AND LOCATION	ALKID 1775
Fort Jackson, South Carolina	
4.PROJECT TITLE	5.PROJECT NUMBER
Range Upgrade	6936
PROJECT: (CONTINUED)	
Mission)	
REQUIREMENT: This project is required to provide a	
modern range equipment with Remoted Target Systems (R)	
individual soldier's ability to engage multiple targe environment. This range will allow soldiers to fire or	
Marksmanship (BRM) Program of Instruction (POI) requi:	
standard automated record fire range allows for only	
This RETS range will support 50 basic training company	
projected training load of 50,500 trainees. FY 96 tra	
anticipated to vary significantly from the FY 94 leve	
installation range will support 14 Advanced Individua	
companies, including assigned/attached TO&E units which	
personnel, and an annual training load of 7,500 Reserv	
CURRENT SITUATION: Fort Jackson does not now have a	
Range. The existing ranges are not constructed to cur	rent Army standards. Two
of the ranges were constructed in 1941 and one in 195	0. Basic Rifle
Marksmanship (BRM) is now conducted on these outdated	and
maintenance-intensive ranges, plus one Automated Reco	
heavily used six days a week. Current systems have pr	oven only marginally
effective in improving BRM training.	
<pre>IMPACT IF NOT PROVIDED:</pre> If this project is not prov	
outdated ranges will continue to be used, resulting i	
time and failure to properly and adequately train sol	
proficiency levels. This installation has experienced	_
days per year due to maintenance problems on the BRM	-
three years. Realistic training utilizing the latest will not be provided. Training schedules cannot be ma	
critical skills may directly affect battlefield survi	
practices and enhanced productivity will not be reali	
ADDITIONAL: This project has been coordinated with	
security plan, and all required physical security and	
(CBT/T) measures are included. This project complies	
criteria of DOD 4270.1-M, Construction Criteria, that	were in effect 1 January
1987, as implemented by the Army's Architectural and	Engineering Instructions
(AEI), Design Criteria, dated 9 December 1991, with t	he 8 July 1992 and all
subsequent revisions included in the Design Criteria	Information System
(DCIS). Alternative methods of meeting this requireme	_
during project development. This project is the only	feasible option to meet
the requirement.	

1.COM	PONE	VT.			2.DATE
	ARM	ť	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	APRIL 199
			ND LOCATION		
Fort	Jac	kson,	South Carolina		
4.PRC	JECT	TITLE		5.PROJECT	NUMBER
Rang	e U	grade			6936
12.	CIII	DI.EME	NTAL DATA:		
12.	Α.		mated Design Data:		
			Status:		
		` '	(a) Design Start Date		JAN 1992
			(b) Percent Complete As Of 01 January 93	(BDGT Y	R) 35
			(c) Percent Complete As Of 01 October 93	(PROG Y	R)100
			(d) Design Complete Date		<u>SEP 1993</u>
		(2)	Basis:		
			(a) Standard or Definitive Design - (YES	/NO) Y	
			(b) Where Design Was Most Recently Used		
			Savannah		
		(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	:):	(\$000)
			(a) Production of Plans and Specification	ns	80
			(b) All Other Design Costs		48
			(c) Total Design Cost		
			(d) Contract		
			(e) In-house	• • • • • • • •	32
		(4)	Construction Start		JAN 1994
					month & year

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Inf Target Mech	OPA	1994	214
Junction Box	OPA	1994	93
Night Muzzles Sim	OPA	1994	8
Range Control Stat	OPA	1994	33
Targets	OPA	1994	5
Info Sys - ISC	OPA	1994	1
		TOTAL	354

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUD	HORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Texas		Fort Bliss (TRADOC)				213
	2255	Consolidated Maintenance Facility		14,000	14,000	215
		Subtotal For Fort Bliss PART I	\$	14,000	14,000	
		Fort Hood (FORSCOM)				219
	22738	Whole Barracks Renewal		18,000	18,000	221
	22976	Cold/Dry Storage Facility		13,400	13,400	224
	31241	Tactical Equipment Shop		5,300	5,300	228
	33947	Test and Evaluation Support Facility		5,200	5,200	231
	37014	Close Combat Tactical Trainer Facility		7,500	7,500	234
		Subtotal For Fort Hood PART I	\$	49,400	49,400	
		Port Sam Houston (PORSCOM)				239
	5118	Multi-Purpose Family Service Center		4,351	4,351	241
		Subtotal For Fort Sam Houston PART I	\$	4,351	4,351	
		* TOTAL MCA FOR Texas	\$	67,751	67,751	

ARMY			ON PROGRAM	2. DATE APRIL 1993
INSTALLATION AND LO	CATION	4. COMMAND		5. AREA CONSTRUCTION COST INDEX
Fort Bliss Texas		US Army Training and Doct	crine Command	0.89
6. PERSONNEL STRENG	TH: PERMAN	ent students	SUPPORTED	
		ST CIVIL OFFICER ENLIST CI		
A. AS OF 30 SEP 199			0 415 361	630 20,532
B. END FY 1999	1600 104	117 3876 362 1768	2 424 362	651 19,462
		7. INVENTORY DATA (	(000)	
A. TOTAL ACREAGE		125,300 AC		
		SEP 1992		99,121
		THE FY 1994 PROGRAM		14,000
	-	THE FY 1995 PROGRAM		40,500
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION ONLY)		0
G. REMAINING DEF	'ICIENCY			37,072
H. GRAND TOTAL			1,9	90,693
8. PROJECTS REQUEST	ED IN THE FY	L994 PROGRAM:		
CATEGORY PROJECT	,		COST	DESIGN STATUS
CODE NUMBER	PI	ROJECT TITLE	(\$000)	START COMPLETE
214 2255	Consolidated	Maintenance Facility	14,000	06/1992 04/1993
		TOTAL	14,000	
9. FUTURE PROJECTS:				
CATEGORY		OJECT TITLE	COST	
A. INCLUDED IN			(\$000)	
721	Whole Barra		18,500	
721	Whole Barra		22,000	
		TOTA	L 40,500	
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION ONLY):	NONE	
10. MISSION OR MAJO	OR FUNCTIONS:			
		nny Air Defense Center and S	chool; William	
Beaumont Army Medic	al Center; US	Army Sergeants Major Academ	y, and other	
tenant activities a	and units.			
				·

r			
1. COMPONENT	PY 1994 MILITARY CON	STRUCTION PROGRAM	2. DATE
ARMY			APRIL 1993
INSTALLATION	AND LOCATION: Fort Bliss	Texas	
11. OUTSTANDING POL	LUTION AND SAPETY DEFICIENCIES:		
A. AIR POLLUTIO	N	(\$000	0
B. WATER POLLUT	ION		0
C. OCCUPATIONAL	SAFETY AND HEALTH		0

1.COMPONENT								2.DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	1	
ARMY								AE	RIL 1993
3.INSTALLATION AND	LOCAT	ION			4.PROJE	CT TI	TLE		
Fort Bliss									
Texas						_	ted Mainter		
5. PROGRAM ELEMENT		6.CATEGO	RY CODE	7.PROJ	ECT NUME	BER	1	COST (\$000	•
							Auth	14,0	
85796A		2	14		2255		Approp	14,0	000
			9.0	OST EST	IMATES				
		ITE	M			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY			_					11,482
Vehicle Main	tenan	ce Shop	GS			SF	110,744	90.34	(10,005
Hardstand						SY	27,300	40.29	(1,100
EMCS Connect	ion					LS			(79
IDS Installa	tion					LS	[		(3
Building Inf	ormat	ion Sys	tems			LS			(295
SUPPORTING FAC	ILITI	ES						-	1,039
Electric Ser	vice					LS			(100
Water, Sewer	, & G	as				LS			(56
Paving, Walk		rbs, &	Gutters			LS			(250
Storm Draina	ge					LS			(116
Site Imp(	387)	Demo(	)			LS			(387
Information	Syste	ms				LS			(130
ESTIMATED CONT	RACT	COST							12,521
CONTINGENCY PE	RCENT	(5.00	<b>%</b> )						626
SUBTOTAL								1	13,147
SUPERVISION, I	NSPEC	TION &	OVERHEAD	(6.0	0%)	1			789
TOTAL REQUEST									13,936
TOTAL REQUEST	(ROUN	DED)							14,000
INSTALLED EQUI	PMENT	-OTHER	APPROPRIAT	IONS					(178
	_								

10.Description of Proposed Construction Construct a consolidated tactical equipment shop to include: traveling bridge cranes; vehicle exhaust and other industrial air exhaust systems; compressed air, and petroleum, oils and lubricants (POL) product distributing system; fuel dispensing facilities; hardstand; battery charging facility; arms rooms with intrusion detection systems (IDS) rough-in (power conduit only); oil-water separators; fire sprinklers and alarm systems, and waste oil disposal system. Provide sensors, controls and wiring for connection to a future energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting; paving, walks, curbs and gutters; fencing; parking; storm drainage; information systems; and site improvements. Heating will be provided by self-contained natural gas-fired units and air conditioning (40 tons) will be provided by self-contained unit. Access for the handicapped will be provided.

11. REQUIREMENT: 287,551 SF ADEQUATE: 104,487 SF SUBSTANDARD: 180,177 SF PROJECT: Construct a consolidated tactical equipment shop. (Current Mission) REQUIREMENT: This project is required to replace inadequate temporary maintenance facilities and consolidate the Directorate of Installation Support Logistics Maintenance operation. The facility is needed to provide direct and

1.COMPONENT					-	2.DATE	
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJEC	T DATA		
ARMY							APRIL 1993
3. INSTALLATION AND	LOCATION						
Fort Bliss, Tex	as						
4. PROJECT TITLE				5	. PROJECT	NUMBER	
Consolidated Ma	intenance Fa	cility					2255

#### REQUIREMENT: (CONTINUED)

general support maintenance for the US Army Air Defense School and units stationed at Fort Bliss. Direct and general support will be consolidated for armament, tactical vehicles, automotive, and special purpose equipment, resulting in a more efficient, economical and effective operation. This facility is currently receiving and must support 500 plus new weapons systems including: Bradley M3/2s, Avenger Fighting Vehicles, FASVs (Support Paladin), M109A6s (Paladin) and various trucks and light vehicles. With these new weapons systems, the maintenance activity will maintain over 51,700 components/items of equipment annually.

CURRENT SITUATION: Maintenance activities programmed to occupy this facility presently utilize 12 substandard buildings (11 temporary and one permanent). Due to space constraints, the tactical equipment repair, component repair, and tent and fabric repair shops are split up to operate out of two or more buildings several hundred feet apart. The wood frame buildings are not properly configured for modern equipment, cannot be adequately heated or cooled, are not energy efficient, and do not meet Occupational Safety and Health Administration (OSHA) requirements. The wood frame buildings and associated utilities require frequent and costly repairs. It is not economically feasible to remodel these World War II structures to accommodate modern tactical equipment and state-of-the-art maintenance methods. All 11 wooden buildings and the one permanent building will be demolished. The permanent building is only 54 SF and its location requires that it be demolished. The efficiency gained by consolidation will reduce requirements from 118,798 SF to 110,744 SF.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance of expensive and highly complex equipment will continue to be carried out in unsatisfactory and inefficient facilities, degrading maintenance support quality. Existing facilities will continue to deteriorate and expose personnel and equipment to adverse working conditions and safety hazards. The projected cost savings for repair, maintenance, and utilities alone is estimated to be \$135,000 annually. The savings for personnel consolidation and efficiency has not been quantified, but will occur.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. Consequently, a full economic analysis was not performed.

1.COMPONENT					DATE					
, no. or	FY 1	9 <u>94</u> MILITARY C	ONSTRUCTION PROJE	CT DATA	ADDT	L 1993				
ARMY 3. INSTALLATION A	ND LOCATION				APKI	1 1993				
	2001111011									
Fort Bliss, T	exas									
4.PROJECT TITLE				5.PROJECT NUM	BER					
						_				
Consolidated	Maintenan	ce Facility			225	5				
12. SUPPLEME	NTAL DATA									
	mated Des									
(1)	Status:	- 3								
	(a) Des									
			Of 01 January 93							
			Of 01 October 93			100				
	(d) Des	ign Complete Dat	e		. APR	1993				
(2)	Basis:									
(2)		andard or Definit	ive Design - (YES	S/NO) N						
	(b) Whe	re Design Was Mo	st Recently Used							
(3)			(a)+(b) OR (d)+(e and Specificatio			656				
			sts			338				
						994				
	(e) In-	house			·	994				
	0				TIDI	1004				
(4)	Construc	tion Start			nonth &					
					nonch a	year				
B. Equi	pment ass	ociated with thi	is project which w	vill be prov	vided fr	om				
other appro	priations	3:								
				Fiscal						
Equipment			curing	Appropr		Cost				
Nomenclat	ure	Appi	ropriation	Or Requ	lested	(\$000)				
IDS Equipme	ent	OI	PA	1994		5				
Brake Analy			PA .	1994		35				
Info Sys -	ISC	O	PA .	1994		138				
				TOTA	L	178				
}										

ARMY	FY 1994 MILITARY CONS	STRUCTION PROGRAM	- 11	. DATE
				APRIL 1993
INSTALLATION AND 14	OCATION 4. COMMAND		<del></del>	. AREA CONSTRUCTION
	1. 641110		1	COST INDEX
Fort Hood	US Army Forces Com	mand		
Texas				0.90
6. PERSONNEL STREN				
A. AS OF 30 SEP 199	OFFICER ENLIST CIVIL OFFICER ENL 32 3603 28598 3365 0			
B. END FY 1999		223 0 38	99 20	•
				10,303
	<ol><li>INVENTORY</li></ol>	DATA (\$000)		
A. TOTAL ACREAGE				
	TAL AS OF 30 SEP 1992			10
	NOT YET IN INVENTORY			0
	REQUESTED IN THE FY 1994 PROGRAM			
	N INCLUDED IN THE FY 1995 PROGRAM			
	EXT FOUR YEARS (NEW MISSION ONLY)			0
	PICIENCY			
H. GRAND TOTAL.			3,113,5	
8. PROJECTS REQUEST	TED IN THE FY 1994 PROGRAM:			
CATEGORY PROJECT	,	COST	n DE	SIGN STATUS
CODE NUMBER	PROJECT TITLE	(\$000		ART COMPLETE
721 22736	Whole Barracks Renewal			1992 09/1993
	Cold/Dry Storage Facility			1991 07/1993
214 31243	Tactical Equipment Shop	5,		1991 08/1993
610 33947	Test and Evaluation Support Facil	ity 5,	200 01/	1991 12/1992
171 37014	Close Combat Tactical Trainer Fac	eility 7,	500 04/	1992 01/1993
		TOTAL 49,	400	
9. FUTURE PROJECTS:				
CATEGORY		COST	,	
CODE	PROJECT TITLE	(\$000	))	
A. INCLUDED IN	THE FY 1995 PROGRAM:			
860	Railroad Track Loading Facility	2,	400	
721	Whole Barracks Renewal	26,	000	
211	Aviation Maintenance Facility	17,	000	
		TOTAL 45,	400	
B. PLANNED NEXT	POUR PROGRAM YEARS (NEW MISSION ON	ILY): NONE		
10. MISSION OR MAJO	R FUNCTIONS:			
Support and tra	ining of III Corps Headquarters and	organizations assigne	×d	
to III Corps, inclu	ding 1st CAV Division. Ensure the m	ost efficient		
	surces to operate Fort Hood and acco	mplish all assigned		
utilization of resc				
utilization of reso				
utilization of resc				
utilization of resc				

1.	COMPONENT	FY 1994 MILITARY CONSTRU	CTION PROGRAM	2. DATE
	ARMY			APRIL 1993
_				
	INSTALLATION	AND LOCATION: Fort Hood	Texas	
	10. MISSION OR MAJO	R FUNCTIONS: (CONTINUED)		
		rt Hood is prepared for mobilization.		
_			****	
	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
			(\$00	
	A. AIR POLLUTIO			0
	B. WATER POLLUT C. OCCUPATIONAL	SAFETY AND HEALTH		0
	0, 000011110142			

1.COMPONENT								2.DATE	
	FY 19	994	MILITARY	CONST	RUCTIO	N PR	DJECT DATA		
ARMY								A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE		
Fort Hood									
Texas				·			racks Rene		
5.PROGRAM ELEMENT	`	6.CATE	GORY CODE	7. PROJ	ECT NUME	BER		COST (\$00	•
	ł						Auth	18,	
22696A			721		22738		Approp	18,	000
			9.0	OST EST	IMATES				
		1	TEM			U/M	QUANTITY	UNIT COST	(\$000)
PRIMARY FACIL	TTY								14,544
Rebuild Barr	cacks					SF	170,200	59.00	(10,042)
Company Oper	rations	3				SF	50,975	55.00	(2,804)
Arms Rooms						SF	5,000	82.00	(410
Asbestos Ren						LS			(1,131
IDS Installa						EA	10	1,500	(15
Building Int			stems			LS			(142
SUPPORTING FAC		<u>es</u>							828
Electric Ser						LS			(234
Water, Sewer						LS			(171
Steam And/On						LS			(138
Paving, Wal)		rbs Ai	d Gutters			LS			(97
Storm Draina	-					LS			(23
	100) I		)			LS			(100
Information	System	as				LS			(65
ESTIMATED CONT									15,372
CONTINGENCY PI	ERCENT	(10	08)						1,537
SUBTOTAL									16,909
SUPERVISION, 1	INSPECT	NOI1	OVERHEAD	(6.0	(80				1,015
TOTAL REQUEST						1 1			17,924
TOTAL REQUEST									18,000
INSTALLED EQUI	PMENT-	OTHER	RAPPROPRIAT	IONS		1 1			(71

Nodernize five barracks. Project includes living/sleeping room with private bath, dayroom, and storage. Remove existing walls, mechanical and electrical systems, piping and valves, water closets, and showers. The existing superstructure (columns and decks) will remain. Additional work includes replacement of roofs, doors, windows, ceiling and floor tile, paint, and asbestos removal. Exterior balconies will allow for a new exterior entrance to each room. Convert first floor of the barracks to company operations and supply. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; pavilions; storm drainage; information systems; and site improvements. Heating will be provided by gas-fired self-contained units and air conditioning (565 tons) will be provided by central energy systems. Transition maintenance for a one year period is included.

11. REQUIREMENT: 17,576 PN ADEQUATE: 9,112 PN SUBSTANDARD: 10,154 PN PROJECT: Modernize five barracks to meet Whole Barracks Renewal Program Standard. (Current Mission)

1.COMPONENT				2.DATE
	FY 19 <u>94</u> MI	LITARY CONSTRUCTI	ON PROJECT DATA	
ARMY 3.INSTALLATION A	ND LOCATION			APRIL 1993
J.INDIADDALION A	15 BOCKITON			
Fort Hood, Te	xas			
4.PROJECT TITLE			5.PROJECT	NUMBER
Whole Barrack	s Renewal			22738
REQUIREMENT:		required to cont		
		ousing for 504 El		
		maximum utilizat		
		of their economic		
		onment for today'		er. Significant
CURRENT SITUA		erations and supp : 102 permanent ba		on Pont Hood
		ve barracks all o		
		d in FY 68 and FY		
		, but may be made		
		latrines with ra		
electrical an	d plumbing system	s. The air condit	ioning system is	inefficient
		The hot water sy		
		e buildings are p		
		arracks capacity		
		in barracks is cu	rrently being di	verted for use
IMPACT IF NOT	vel administrative	e purpose. his project is no	t provided outd	2+04
		tinue to deterior		
		heavy demands and		
		backlog maintenan		
		ram goals for enl		
		project. Also, sh		
		ontinue to be met		
		istrative and sto		
ADDITIONAL:		been coordinated		
CPT/T) measu	, and all require	d physical securi	ty and/or combat	ting terrorism
		This project com truction Criteria		
		my's Architectura		
		9 December 1991,		
		in the Design Cri		
		meeting this req		
		is project is the	only feasible of	ption to meet
the requireme	nt.			
10 CURRITURE	IMAT DAMA			
	NTAL DATA: mated Design Data			
(1)	Status:	•		
(1)		t Date		CPP1 MIT.
		plete As Of 01 Ja		
		plete As Of 01 Oc		
		lete Date		
(2)	Basis:			

. COMPONENT			2.DATE	
	FY 199	4 MILITARY CONSTRUCTION PRO		
ARMY			APR	IL 1993
INSTALLATION A	ND LOCATION			
ort Hood, Te	exas			
PROJECT TITLE			5.PROJECT NUMBER	~~~
nole Barrack	re Poneval		22	220
iole Ballack	.s Kellewal			738
		(Continued)		
A. Esti		n Data: (Continued)	TT 0:0: 11	
		lard or Definitive Design - (} Design Was Most Recently Use		
	(2) where	besign was most keeping use	su	
(3)	Total Desi	gn Cost (c) = $(a)+(b)$ OR $(d)+(d)$	+(e):	000)
,		ction of Plans and Specificat		
	(b) All C	ther Design Costs		90
	(c) Total	Design Cost	· · · · · · · · · · · · · · · · · · ·	990
		act		
	(e) In-ho	ouse		990
			•	
(4)	Constructi	on Start		
			month &	year
B. Equi	nment accor	iated with this project which	will be provided f	TOP.
other appro		racoa with this project which	. will be plovided i	1011
• • • • •	•		Fiscal Year	
Equipment	:	Procuring	Appropriated	Cost
Nomenclat	ure	Appropriation	Or Requested	(\$000
IDS Equipme	int	OPA	1994	2
Info Sys -		OPA	1994	4
	-50	OI II	1004	,
			TOTAL	7

1.COMPONENT							2.DATE	
	FY 1994	MILITARY	CONST	RUCTIO	N PRO	JECT DATA	ĺ	
ARMY							AF	PRIL 1993
3. INSTALLATION A	.ND LOCATION			4.PROJE	CT TIT	TE		
Fort Hood				1				
Texas						torage Fac		
5.PROGRAM ELEMEN	T 6.0	CATEGORY CODE	7.PROJ	ECT NUMB	ER	8.PROJECT		
	1					Auth	13,4	
22696A		432		22976		Approp	13,4	400
		9.0	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY				$\vdash$			10,832
Cold-Storag		ıse			SF	109,896	86.60	(9,518)
Concrete Ha	•				SY	25,000	38.50	(963)
Drilled Pie					LF	5,500	45.00	(248)
Building In		Systems			LS			(103)
SUPPORTING FA	CILITIES				$\vdash$			1,285
Electric Se	ervice				LS			(235)
Water, Sewe	≥r, Gas				LS		1	(192)
Paving, Wal	iks, Curbs	s And Gutters			LS			(421
Storm Drain	nage				LS			(9)
Site Imp(	360) Der	no( 49)			LS			(409)
Information		•			LS			(19
	•							
ESTIMATED CON	NTRACT COS	ST						12,117
CONTINGENCY P	PERCENT	(5.00%)						606
SUBTOTAL						I	1	12,723
SUPERVISION,	INSPECTIO	ON & OVERHEAD	(6.0	00%)		1		763
TOTAL REQUEST	r							13,486
TOTAL REQUEST	r (ROUNDE	٥)			1			13,400
		THER APPROPRIAT	CIONS					(56
					ــــــــــــــــــــــــــــــــــــــ			

to Description of Proposed Construction Construct two standard-design cold/dry storage warehouse facilities including temperature and humidity controlled storage, drilled piers, administration, receiving and issuing areas, and general support areas. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; access roads; vehicle maneuvering and parking areas; paving, walks, curbs and gutters; storm drainage; traffic signals; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (81 tons) will be provided by self-contained systems for the administration areas only. Demolish two buildings (19,143 SF) within the footprint.

11. REQUIREMENT: 108,000 SF ADEQUATE: NONE SUBSTANDARD: 96,285 SF <u>PROJECT:</u> Construct two standard-design cold/dry storage warehouse facilities. (Current Mission)

REQUIREMENT: This project was programmed before the Base Realignment and Closure (BRAC) 91 initiative as necessary to provide support for all units then identified at Fort Hood. It is especially needed now as a result of the 2d Armored Division (formerly the 5th Mechanized Infantry Division) being

1.COMPONENT						2.DATE	
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJEC	DATA		
ARMY						APRIL 199	93
3.INSTALLATION AND	LOCATION						
Fort Hood, Texas	5						
4.PROJECT TITLE				5	PROJECT	NUMBER	
				1			
Cold/Dry Storage	e Facility					22976	

#### REQUIREMENT: (CONTINUED)

relocated to Fort Hood as part of BRAC. This added division will place additional demands on this installation's ability to provide adequate subsistence support using existing inadequate facilities. The Department of Defense requires installations to maintain a 30-day supply of perishable foods. The lack of adequate cold storage requires large quantities of ice for perishable meats and vegetables from May through September each year to support the additional requirements of summer training periods. The proposed facilities must also provide adequate, secure storage for a 15-day supply of non-perishable food (A-Rations, T-Rations, and Meals Ready to Eat (MRE) Rations). Fort Hood has a requirement to store 1,019 pallets of dry MREs and 5,431 pallets of dry T-Rations.

CURRENT SITUATION: The Troop Issue Subsistence Activity (TISA) operates from both North Fort Hood (NFH) and South Fort Hood (SFH). Operations are conducted from five general purpose warehouses and one cold storage warehouse. The cold storage on SFH is in a state of advanced deterioration. The average loss of freon from the worn out refrigeration equipment is 3,000 pounds a year. Constant repairs require dedication of maintenance personnel. Because of the repeated breakdowns, rented refrigerated vans are used to store ice for perishable foods. Unsanitary conditions from mildew and bird feces have resulted in numerous health violations. The physical condition of the building has created serious safety concerns. Floors and docks are structurally inadequate, and foundation cracking and failures have limited the use of material handling equipment. NFH has no space specifically designed for dry storage warehousing and the cold storage warehouse was condemned in August 1989. NFH cold storage requirement is supported from SFH located 20 miles away. During the summer training period, NFH must augment this support by renting refrigerated vans from which to issue food. All five of the general purpose warehouses being used for dry storage are World War II temporary, wooden structures with inherent problems such as: mildew, cracked plaster, no insulation, broken door seals, bulging walls, and settling foundations. The need for consolidating TISA operations at two locations (NFH and SFH) remains. The 2d Division and other activities in garrison are supported at the SFH TISA operation. The NFH operation supports the 2d Division's field training and other training conducted in the north area.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate facilities will continue to expose warehouse personnel to significant safety hazards and military personnel to health risks from contaminated foods. Failure of the existing facility would virtually end or drastically curtail training and mission readiness for the entire installation. Continued dependence upon facilities which are improperly designed for current food handling equipment, undersized for current needs and impossible to sanitize, will perpetuate high food-handling labor costs and high exposure of employees and soldiers to illness and injury.

ADDITIONAL: This project has been coordinated with the installation physical

1.COMPONENT						2.DATE
	FY 1994	MILITARY	CONSTRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
3. INSTALLATION AND LOCA	ATION					
Fort Mood, Texas						
4.PMOJECT TITLE				5.7	PROJECT	NUMBER
				1		
Cold/Dry Storage F	acility			1		22976
ADDITIONAL: (CO	NTINUED)					

security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design cxiteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

    - (b) Percent Complete As Of 01 January 93 (BDGT YR).. 50
      (c) Percent Complete As Of 01 October 93 (PROG YR).. 100
  - (2) Basis:
    - (a) Standard or Definitive Design (YES/NO) Y
    - (b) Where Design Was Most Recently Used Fort McCoy
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e):
     (\$000)

     (a) Production of Plans and Specifications.
     465

     (b) All Other Design Costs.
     185

     (c) Total Design Cost.
     650

     (d) Contract.
     185

     (e) In-house.
     465

1.COMPONENT				2 5100	
27 oon ongay	FY 1994	MILITARY CONSTRUCTION PRO	TECH DAMA	2.DATE	
ARMY		IIIIIII CONDINOCIION PRO	MECT DATA	APR	IL 1993
3. INSTALLATION AN	D LOCATION		-	1111	11 1775
Fort Hood, Tex	as				
4. PROJECT TITLE			5.PROJECT N	UMBER	
G-1-1 (D G+	P1111				
Cold/Dry Stora	ge Facility			229	976
12. SUPPLEMEN	TAL DATA: (	CONTINUED			
B. Equip	ment associa	ted with this project which	will he nr	ovided f	rom
other approp	riations:	Ellyott miles	DC PI	Ovided 1	. 0
			Fisca	l Year	
Equipment		Procuring		priated	Cost
Nomenclatu	re	Appropriation		quested	(\$000)
IDS Equipmen		OPA	1994		41
Info Sys - I	SC	OPA	1994		15
			mor	13.7	
			TOT	AL	56

1.COMPONENT								2.DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA		
ARMY								Al	PRIL 1993
3. INSTALLATION AN	ND LOCAT	ION			4.PROJE	CT TI	TLE		
Fort Hood									
Texas							Equipment :		
5. PROGRAM ELEMENT	r	6.CAT	GORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	•
				1			Auth	,	300
22696A			214		31241		Approp	5,	300
			9.0	COST EST	IMATES				
			TEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY								3,806
Vehicle Mai	ntenan	ce Fa	cility			SF	15,550	89.71	(1,395
Warehouse						SF	26,075	50.91	(1,327
Sentry Stat	ion					SF	32		(12
POL Storage	Build	ing				SF	355	84.83	(30
Hardstand						SY	28,000	36.00	
Building In	format	ion S	ystems			LS			(34
SUPPORTING FA		E <u>S</u>							993
Electric Se	rvice					LS			(159
Water, Sewe						LS			(331
Paving, Wal		rbs A	nd Gutters			LS			(219
Storm Drain						LS			(22
Site Imp(			)			LS	'		(193
Information	Syste	m,s				LS			(69
ESTIMATED CON	TRACT	COST							4,799
CONTINGENCY P	ERCENT	(5.	00%)						240
SUBTOTAL									5,039
SUPERVISION,	INSPEC	TION	& OVERHEAD	(6.0	00%)				302
TOTAL REQUEST									5,341
TOTAL REQUEST	(ROUN	DED)				1			5,300
INSTALLED EQU	IPMENT	-отн	R APPROPRIAT	IONS					(11

10.Description of Proposed Construction Construct a standard-design tactical equipment shop with scheduled maintenance facilities, a warehouse and storage facility, sentry station, roadway extension, and vehicle hardstand. Supporting facilities include utilities, electric service, security lighting and fencing, parking, curbs and gutters, access roads and extensions, fire protection and alarm systems, storm drainage, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by gas-fired self-contained systems. Air conditioning (20 tons) will be provided for the office space and electronic repair areas.

11. REQUIREMENT: 1,963,984 SF ADEQUATE: 1,011,511 SF SUBSTANDARD: 445,101 SF PROJECT: Construct a standard-design tactical equipment shop and warehouse. (Current Mission)

REQUIREMENT: This project will provide permanent facilities for Test and Experimentation Command (TEXCOM) organization located at West Fort Hood, Texas. This project is required to provide TEXCOM with one tactical equipment maintenance facility and warehouse and storage facility. These facilities will supplement existing TEXCOM assets to include a research and development and headquarters building, administrative facilities and a warehouse and motor

T. COMPONENT			Z.DAIE
	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	
ARMY	· · · · · · · · · · · · · · · · · · ·		APRIL 1993
3.INSTALLATION AN	DLOCATION		
Fort Hood, Tex			
4.PROJECT TITLE		5.PROJECT N	UMBER
Tactical Equip	ment Shop		31241
REQUIREMENT:	(CONTINUED)		
•	s project will support a portion of the m	-	
	gned to TEXCOM. The tactical equipment sh		
	d storage of over 133 essential tactical		
	facility will replace the use of ten eart		
	rage and supply for TEXCOM. These ammunit		
	ocated for use by the Corps Support Comma	nd (COSCO	M) ammunition
supply point f			
	<u>ION:</u> There are no tactical equipment sh		
	rganization's requirement. West Fort Hood		
	five miles from the main cantonment area.		
	s at West Fort Hood are substandard and o	-	
	XCOM and the 504th Military Intelligence		
	tenance facility supports the 504th MI Br		
•	attalion (15th MI Battalion) ground suppo		
	51 percent of required base-wide tactical		
	t of required permanent warehouse facilit		
	overcome by the continued use of World W		
	upancy of existing adequate facilities. N		
facilities are	available which can support this organiz	ation's t	est and

IMPACT IF NOT PROVIDED: If this project is not provided, inefficient performance of maintenance and extended repair periods of test vehicles and equipment will continue. Test vehicles and equipment associated with the reconsolidation of the Test Directorate (Worldwide) to Fort Hood will lack adequate maintenance facilities. Lack of shops will have an adverse impact on

the operational testing at TEXCOM.

experimentation requirements.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

#### SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

    - (b) Percent Complete As Of 01 January 93 (BDGT YR)..
    - (c) Percent Complete As Of 01 October 93 (PROG YR)..

1.COMPONENT	2.DATE	
FY 1994 MILITARY CONSTRUCTION PROJECT D	ATA	
ARMY	APR	IL 1993
3. INSTALLATION AND LOCATION		
Fort Hood, Texas		
	OJECT NUMBER	
4. PROJECT 1111B	SOECI NOMBER	
Tactical Equipment Shop	31	241
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(d) Design Complete Date	<u>AUG</u>	1993
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO)	) N	
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ :	15	000)
(a) Production of Plans and Specifications.	• • •	•
· · · · · · · · · · · · · · · · · · ·		
(b) All Other Design Costs		
(c) Total Design Cost		342
(d) Contract		
(e) In-house	<u></u>	342
(4) Construction Start	<u>JAN</u>	1994
	month &	year
B. Equipment associated with this project which will	be provided f	rom
other appropriations:	•	
	Fiscal Year	
Equipment Procuring	Appropriated	Cost
Nomenclature Appropriation	Or Requested	(\$000)
MOMENCIACUTE APPROPRIACION	or veduesced	(3000)
7::f= 0::= 700	1004	11
Info Sys - ISC OPA	1994	11
1		
	TOTAL	11

1.COMPONENT							2.DATE	
	FY 1	9 <u>94</u> MILITARY	CONST	RUCTIO	N PR	OJECT DATA		
ARMY				1			A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION	4 . PROJE	CT TI	TLE			
Fort Hood								
Texas						Evaluation		
5. PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUMB	BER	8.PROJECT	COST (\$00	
			1			Auth		200
22696A		610		33947		Approp	5,	200
		9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY							4,027
Test Support	Faci	lity			SF	26,900	86.12	(2,317)
Warehouse					SF	24,000	54.46	(1,307)
Hardstand					SY	10,000	35.00	(350)
Building Inf	ormat	ion Systems			LS			(53)
_								
SUPPORTING FAC	ILITI	ES						660
Electric Ser	vice				LS			(37)
Water, Sewer	, Gas				LS			(40)
Paving, Walk	s, Cu	rbs And Gutters			LS			(355)
Storm Draina	ge				LS			(31)
Site Imp(	140)	Demo()			LS			(140)
Information	Syste	ns			LS			(57)
ESTIMATED CONT								4,687
CONTINGENCY PE	RCENT	(5.00%)						234
SUBTOTAL								4,921
· ·	NSPEC	TION & OVERHEAD	(6.0	0%)				295
TOTAL REQUEST						i		5,216
TOTAL REQUEST	(ROUN	OED)				i i		5,200
INSTALLED EQUI	PMENT	OTHER APPROPRIAT	CIONS					(122)
					1			

10.Description of Proposed Construction Construct a test support facility, Project includes administrative, instrumentation, and engineering areas; hardstand; conference rooms; break rooms; storage; and a separate structure for a warehouse. Supporting facilities include utilities; electric service; parking; security fencing and lighting; paving, walks, curbs and gutters; storm drainage; access roads; fire protection and alarm systems; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by self-contained gas-fired systems. Air conditioning (85 tons) will be provided by a self-contained system.

REQUIREMENT: 173,450 SF ADEQUATE: 146,550 SF SUBSTANDARD: 7,960 SF PROJECT: Construct a test support facility. (Current Mission) REQUIREMENT: This project is required to provide permanent facilities that will be used by the Test and Experimentation Command (TEXCOM) for administrative purposes only. These facilities will supplement existing TEXCOM assets of a modern research and development and headquarters building, administrative facilities, and semi-permanent warehouse/motor pool area. This project will support the 402 military and civilian personnel assigned to TEXCOM. The new facilities will be used to perform tests and evaluations of

DD , FORM 1391

1.COMPONENT	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	2.DATE
ARMY			APRIL 1993
3. INSTALLATION AN	D LOCATION		
Fort Hood, Te:	xas		
4.PROJECT TITLE		5.PROJECT N	UMBER
Test and Evalu	uation Support Facility		33947
REQUIREMENT:			
	and materials for the armed forces. The r		
	to house highly technical test equipment of		
	rth-covered ammunition bunkers. This projection of Defense (DOD) proposal to in		
	required at the stated scope.	lactivate	Certain units
CURRENT SITUA	-	of admini	strative space
	quirements of the relocation of the 2d Arm		
	try Division). Specific to this project, a		
	West Fort Hood are inadequate to support		
	uate new equipment and materials. West For		
	om the main cantonment area. Existing fac		
	capacity and temporary, substandard facil		-
shortfalls.			
IMPACT IF NOT	PROVIDED: If this project is not provide	led, highl	ly technical
electronic te	st equipment associated with the reconsol:	idation of	the Test
	Worldwide) to Fort Hood (2,000 items) valu		
	perly stored, resulting in security and to		
	ill impact on the operational readiness of		
ADDITIONAL:	This project has been coordinated with the		
	, and all required physical security and/o		
	res are included. This project complies w		
	OD 4270.1-M, Construction Criteria, that		
	emented by the Army's Architectural and En Criteria, dated 9 December 1991, with the		
	visions included in the Design Criteria I		
	native methods of meeting this requirement		
	t development. This project is the only for		
the requireme			
1			
12. SUPPLEME	NTAL DATA:		
A. Esti	mated Design Data:		
(1)	Status:		
i	(a) Design Start Date		
	(b) Percent Complete As Of 01 January 9		
	(c) Percent Complete As Of 01 October 9		
	(d) Design Complete Date		<u>DEC 1992</u>
/25	Basis:		
(2)	(a) Standard or Definitive Design - (YE.	S/NO) N	
1	(b) Where Design Was Most Recently Used		
1	(1) .mere bedryn had hode hedenery obed		
l			
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$	e):	(\$000)
	(a) Production of Plans and Specification		
1			

1.COMPONENT									
	FY 1994 MILI	TARY CONSTRUCTION PROJE	con nama	2.DATE					
ARMY	_		CI DAIA	APRI	L 1993				
3.INSTALLATION AND	LOCATION				2 1773				
Fort Hood, Texas									
4.PROJECT TITLE 5.PROJECT NUMBER									
Test and Evaluation Support Facility 33947									
12. SUPPLEMENT	AL DATA: (Continue	ed)							
	ted Design Data: (	Continued)							
	b) All Other Desi	gn Costs			104				
,	<ul><li>c) Total Design (</li><li>d) Contract</li></ul>	Cost			335				
,	e) In-house		• • • • • • • •						
`	e, in nouse		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	335				
(4) C	onstruction Start.			.TAN	1994				
				month &					
B. Equipmother appropr	ent associated wit	h this project which w	ill be pr	ovi <b>d</b> ed fr	om				
			Fisca	l Year					
Equipment		Procuring		priated	Cost				
Nomenclature	<u>e</u>	Appropriation		quested	(\$000)				
Info Sys - IS	С	OPA	1994		122				
			TOT	AL	122				
					- 1				
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					- 1				
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1.COMPONENT							2.DATE	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	FY 1	994 MILITA	RY CONST	RUCTIO	N PR	OJECT DATA		
ARMY							_ Al	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION		4.PROJE				
Fort Hood				Close	Com	bat Tactica	al Train	er
Texas				Facil	ity			
5.PROGRAM ELEMENT	r	6.CATEGORY CODE	7. PROJ	ECT NUMI	BER	8. PROJECT	COST (\$00	
						Auth	7,	500
22696A		171		37014		Approp	7,	500
			9.COST EST	TIMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY							4,783
Regional A/	L Batt	le Emulation			SF	43,800	95.25	(4,172
Hardstand					SY	9,600	25.82	(248
Tank Trail					SY	6,000	44.98	(270
Emergency G	enerat	or			EA	1	26,000	(26
EMCS Connect	tion				LS			(5
Building In:	format	ion Systems			LS			(62
SUPPORTING FA	CILITI	ES						1,941
Electric Se	rvice				LS			(510
Water, Sewe	r, Gas				LS			(685
Paving, Wal	ks, Cu	rbs And Gutters			LS			(221
Storm Drain	age				LS	~-		(196
Site Imp(	298)	Demo()			LS			(298
Information	Syste	ms			LS			(31
ESTIMATED CON	TRACT	COST			-			6,724
CONTINGENCY P	ERCENT	(5.00%)						336
SUBTOTAL								7,060
SUPERVISION,	INSPEC	TION & OVERHEAD	(6.0	00%)				424
TOTAL REQUEST					1	ĺ		7,484
TOTAL REQUEST	(ROUN	DED)				1		7,500
INSTALLED EQU	IPMENT	TOTAL REQUEST (ROUNDED) INSTALLED EQUIPMENT-OTHER APPROPRIATIONS						(15,004

Construct a Regional Air/Land Battle Emulation 10.Description of Proposed Construction Complex (RALBEC) to accommodate a Close Combat Tactical Trainer (CCTT) with 38 fixed tactical vehicle modules. Infrastructure development in this project will support future requirement of a subsequent tactical trainer fielding phase. This development includes utilities, road network, paving of adjacent tank trails and marshalling areas, gross site preparation, and drainage for the entire complex. The follow-on fielding of an additional company set of trainers will generate comparable utility loads and facility requirements as those in this initial phase. This project includes classrooms, briefing/debriefing area, current "state-of-the-art" audiovisual training rooms; administrative office space; storage areas for general, secure, and sensitive materials; spare parts, tool storage, repair and maintenance shop area; emergency generator; energy monitoring and control system (EMCS) tie in; computer floor; hardstand; and loading docks. Supporting facilities include utilities; electric service; security lighting, fencing and gates; paving, walks, curbs and gutters; parking; access road; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (175 tons) will be provided by self-contained systems.

T DATA APRIL 1993
APRIL 1993
.PROJECT NUMBER
37014
5

11. REQUIREMENT: 43,800 SF ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct a Regional Air/Land Battle Emulation Complex. (New Mission)
REQUIREMENT: This project is required to provide the initial facility of a

two-facility complex to support the combined arms tactical training system. This facility will contain the primary training facility and equipment to provide a system to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This is accomplished by using a group of fully interactive networked emulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. The development and acquisition of the CCTT is in the final stages. A facility must be provided in a timely manner to allow installation and testing of the first CCTT with initial operational capability scheduled in October 1996. The follow-on facility will expand the CCTT training capabilities to support a second company trainer system set. This subsequent phase (Project Number 40624) has yet to be programmed. The site selected for this complex is sufficient to accommodate the trainers currently being developed and the addition of future trainers and emulators. CURRENT SITUATION: This is a new Army/Department of Defense initiative; therefore, no facilities or equipment exist at Fort Hood that can provide or house this training system. Training of the individual to properly respond within the combined arms team is the keystone that will be emphasized and developed with this family of systems. Adequate existing facilities to support this mission are not available for this developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces. IMPACT IF NOT PROVIDED: If this project is not provided, use of field

exercise training events to train the soldier will continue. The present system of training is costly and relies on a diminishing base for funds and resources required for its support. As competition for funds intensifies, lower cost alternatives to augment and enhance field training must be developed. Continued use of "field" exercises places a high degree of wear on combat equipment for which funding is becoming more difficult to obtain. The use of a close combat tactical trainer system provides a highly effective training method at a lower cost, giving the Army tactical superiority in the battlefield environment. The emergency generator is required to operate the

1.COMPONENT	THE SACRA WITH THE PUR CONSTRUCTION PROTECTION	2.DA	TE
ARMY	FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA	APRIL 1993
3.INSTALLATION AN	D LOCATION		AFRID 1995
Fort Hood, Te	kas		
4.PROJECT TITLE		5. PROJECT NUMBER	1
Close Combat :	Tactical Trainer Facility		37014
	PROVIDED: (CONTINUED)		
	in order to keep raw sewage from backing w		
	r failure, causing environmental pollution	and possible	В
\$25,000/day f			
ADDITIONAL:	This project has been coordinated with the and all required physical security and/o		
	res are included. This project complies wi		
	OD 4270.1-M, Construction Criteria, that w		
	emented by the Army's Architectural and Er		_
	Criteria, dated 9 December 1991, with the		
	visions included in the Design Criteria In		
(DCIS). Alter	native methods of meeting this requirement	have been e	xplored
during projec	t development. This project is the only fe	asible optio	n to meet
the requireme	nt.		
	NTAL DATA:		
	mated Design Data:		
(1)	Status:		7117 1000
\	(a) Design Start Date(b) Percent Complete As Of 01 January 93		
	(b) Percent Complete As Of 01 January 93 (c) Percent Complete As Of 01 October 93		
l	(d) Design Complete Date		
ì	(a) beorgh comprete batter		
(2)	Basis:		
	(a) Standard or Definitive Design - (YES	5/NO) N	
	(b) Where Design Was Most Recently Used		
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(c)$		(\$000)
	(a) Production of Plans and Specification		
1	(b) All Other Design Costs		
1	(c) Total Design Cost		
	(d) Contract		
	(e) In house		
(4)	Construction Start		JAN 1994
\ '-'			nth & year
į			
1	•		
1			
1			
1			

1.COMPONENT					
1.CONFOREM1	FY 19 <u>94</u>	MILITARY CONSTRUCTION P	ROTECT DATA	2.DATE	
ARMY			MODECT DATA	APR	IL_1993
3.INSTALLATION AND	LOCATION				
Fort Hood, Texa	s				
4.PROJECT TITLE	-		5.PROJECT	NUMBER	
Class Combat ma					
Close Combat Ta	ctical Train	ner Facility		37	014
12. SUPPLEMENT	AL DATA: (C	CONTINUED)			
B. Equipm other appropr	ent associat iations:	ted with this project whi	ch will be p	covided for	rom
			Fisca	al Year	
Equipment		Procuring		priated	Cost
Nomenclatur	<u>e</u>	Appropriation	Or Re	equested	(\$000)
TRAINING DEVI	SE	NTSC	1994		15,000
Info Sys - IS	С	OPA	1994		4
			TOT	'AL	15,004
					l

COMPONENT ARMY		FY 1994 MILITARY CONSTRUCTION	PROGRAM	2. DATE APRIL 1993
INSTALLATION AND LOC	ATION	4. COMMAND		5. AREA CONSTRUCTION COST INDEX
Fort Sam Houston Texas		US Army Forces Command		0.88
			SUPPORTED	
6. PERSONNEL STRENGT		ENT STUDENTS ST CIVIL OFFICER ENLIST CIV	201101112	VIL TOTAL
A. AS OF 30 SEP 1992		54 4258 1071 5515	44 133 138	
B. END FY 1999	1473 25	58 4339 997 3503	36 133 166	3164 16,369
		7. INVENTORY DATA (\$	000)	
A. TOTAL ACREAGE.		3,159 AC	,	
B. INVENTORY TOTA	LAS OF 30 S	EP 1992	93	1,527
C. AUTHORIZATION	NOT YET IN I	VENTORY		0
	-	THE PY 1994 PROGRAM		4,351
		HE FY 1995 PROGRAM		0
		(NEW MISSION ONLY)		i0,450 4,480
8. PROJECTS REQUESTE CATEGORY PROJECT	D IN THE FY	994 PROGRAM:	COST	DESIGN STATUS
CODE NUMBER	Di	OJECT TITLE	(\$000)	START COMPLETE
		e Family Service Center	4,351	07/1992 09/1993
755			-,	,
		TOTAL	4,351	
9. FUTURE PROJECTS:				
CATEGORY			COST	
CODE  A. INCLUDED IN T		KOJECT TITLE NOCERAM: NONE	(\$000)	
A. INCLUDED IN I	1E 11 1995 F	CONT. ICIE		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION ONLY): N	ONE	
10. MISSION OR MAJOR				
		Houston, its sub-installatio	-	
		lvities; provide support to a ajor activities on Fort Sam A		
, ,	-	egor activities on Fort Sam F Services Command; AMEDD Cente		
		☼ 5th Recruiting Brigade. Ca		
		function as a reserve compor		
site, serves as a ra	unge and mane	over training area for active	component AMEDD	
Center and School, H	ort Sam Hous	ton; 3287th Technical Squadro	on, Lackland AFB:	•
and numerous units 1	rom Fort Hoo	1.		
		VIOUS EDITIONS MAY BE US		

1. COMPONENT	71 1004		2. DATE			
ARMY	FY 1994 MILITARY CONSTRUCT	PY 1994 MILITARY CONSTRUCTION PROGRAM				
Auti			APRIL 1993			
INSTALLATION	AND LOCATION: Fort Sam Houston	Texas				
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:					
A. AIR POLLUTIO	M	(\$000				
B. WATER POLLUT			0			
	SAFETY AND HEALTH		0			
			•			
			l			
			i			
			ĺ			

1.COMPONENT							2.DATE	
ARMY	FY 1	9 <u>94</u> MILITARY	CONST	RUCTIO	N PR	OJECT DATA	A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION		4.PROJE	CT TI	TLE		•
Fort Sam Houst	con							
Texas				Multi	-Pur	pose Family	Servic	e Center
5.PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)
						Auth	4,	351
22696A		730		5118		Approp	4,	351
		9.0	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	TY							3,388
Army Chapel					SF	19,940	111.25	(2,218)
Child Develo	opment	Center			SF	8,190	100.17	(820)
Unusual Four	ndatio	n			LS			(190)
Playground v	/Equi	p, Shed & Fence			LS			(117)
Building In	format	ion Systems			LS			(43)
SUPPORTING FAC	CILITI	ES						522
Electric Ser					LS			(83)
Water, Sewe	r, Gas				LS			(67
Paving, Wall	ks, Cu	rbs And Gutters			LS			(181)
Storm Drain	age				LS			(25)
Site Imp(	56)	Demo( )			LS			(56)
Information	Syste	m.s			LS			(110)
ESTIMATED CON	TRACT	COST			-			3,910
CONTINGENCY P	ERCENT	(5.00%)						195
SUBTOTAL								4,105
SUPERVISION,	INSPEC	TION & OVERHEAD	(6.0	0%)				246
TOTAL REQUEST								4,351
TOTAL REQUEST	(ROUN	DED)						4,351
INSTALLED EQU:	I PMENT	-OTHER APPROPRIAT	IONS					(12)
10.Description of Prop	osed Cons	truction Construc	t a st	andard	l-des	ign Army ch	napel wi	th

10.Description of Proposed Construction Construct a standard-design Army chapel with integral activity center for family counseling and a standard-design child development center (CDC), with raft/mat foundation. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (130 tons) will be provided by self-contained systems.

REQUIREMENT: This project is required to meet the pressing needs of the northeast portion of Fort Sam Houston which is near the Watkins Terrace junior enlisted housing and the Fort Sam Houston National Cemetery. This will be a joint use facility for the Directorate of Personnel and Community Activities (DPCA) and the Post Chapel. The chapel and activity center are required to provide services such as family and individual counseling, parent skills

<sup>11.</sup> REQUIREMENT: 63,104 SF ADEQUATE: 34,974 SF SUBSTANDARD: 25,226 SF PROJECT: Construct a standard-design Army chapel with activity center and a standard-design child development center (99-child capacity). (Current Mission)

1. COMPONENT	2.DATE
FY 1994 MILITARY CONSTRU	JCTION PROJECT DATA
ARMY	APRIL 1993
3.INSTALLATION AND LOCATION	
Fort Sam Houston, Texas	
4. PROJECT TITLE	5.PROJECT NUMBER

families with medical crisis. This chapel will serve the junior enlisted

### REQUIREMENT: (CONTINUED) workshop, stress management workshops for families and group workshops for

personnel in the Watkins Terrace housing area and the military families in the civilian apartments. The need for family counseling near this housing area is critical during family crises, a very common occurrence within the junior enlisted families. There are no alternate facilities on or off the installation which could be used to satisfy this requirement. CURRENT SITUATION: Watkins Terrace is a junior enlisted housing area located approximately five miles from the central post area and as a result is considered a separate part of Fort Sam Houston (FSH) installation. This area has approximately 1,125 residents with 225 children of child-care age. It also has the highest rate of family disturbances on post. This is an indicator of the urgent need for a family life program at this location. The chapel supporting this area was demolished in 1977 due to structural failure. Other chapels are five miles away and housed in temporary wooden buildings of the World War II era. They do not provide the comfort nor the atmosphere appropriate for their use as chapels. They are not insulated, the utilities are all antiquated, and they do not meet fire and safety codes for an assembly building. In 1998, FSH is projected to have 1,100 children of child-care age. This number is in accordance with the Army Stationing and Installation Plan (ASIP). Currently there are 303 child-care spaces available at FSH. Many families must use higher cost off-post child care facilities due to the lack of spaces on-post. The waiting list for on-post child care was 265 as of September 1992. Even with programmed strength reductions, the list is expected to remain above 200.

IMPACT IF NOT PROVIDED: If this project is not provided, chapel services and religious instruction will remain inaccessible to many junior enlisted families in Watkins Terrace, and morale and welfare will continue to deteriorate without the stabilizing presence of a chaplain. The religious education program will be cut by 40 percent because present religious education facilities are committed for disposal against the new child care and religious education center. Child care for the installation will suffer if the project is not completed; soldiers will have to find more costly child care in the civilian community, if available. It is projected that 200 children will still be on the waiting list for child care in 1993.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet

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COMPONENT			2.DA	LE
	FY 1994	MILITARY CONSTRUCTION PROJ	ECT DATA	
ARMY				APRIL 1993
INSTALLATION AN	D LOCATION			
	_			
ort Sam Hous	ton, Texas		5.PROJECT NUMBER	
PROJECT TITLE			3.PROJECT NUMBER	
lti-Purpose	Family Service	ce Center		5118
DITIONAL:	(CONTINUED)			
erational r	equirements. (	Consequently, a full economic	ic analysis was	not
erformed.				
2. SUPPLEME	NTAL DATA:			
	mated Design	Data:		
(1)	Status:			
(-/		Start Date		JUL 1992
		Complete As Of 01 January		
	(c) Percent	Complete As Of 01 October	93 (PROG YR)	100
	(d) Design (	Complete Date		SEP 1993
(2)	Basis:			
(-)		d or Definitive Design - (Y	ES/NO) Y	
	(b) Where D	esign Was Most Recently Use	đ	
42)	matal Danies	Cost (c) = $(a)+(b)$ OR $(d)+$	(0):	(\$000)
(3)	-	ion of Plans and Specificat		* *
		er Design Costs		
		esign Cost		
		t		
	` '	e		
		61		TID: 1004
(4)	Construction	Start		nth & year
B. Equi	pment associa	ted with this project which	will be provi	ded from
other appro	priations:			
			Fiscal Y	
Equipment		Procuring	Appropri	
Nomenclat	ure	Appropriation	Or Reque	sted (\$000
Info Sys -	ISC	OPA	1994	
Info Sys -		OPA	1994	
			TOTAL	

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE ——	PROJECT NUMBER	INSTALLATION (COMMAND)  PROJECT TITLE	AUT	ORIZATION A	APPROPRIATION REQUEST	PAGE
Utah	16299	Dugway Proving Ground (AMC) Life Sciences Test Pacility		16,500	16,500	247 249
		Subtotal For Dugway Proving Ground PART I	\$	16,500	16,500	
	40537	Tooele Army Depot (AMC) Treaty Verification Facility		1,500	1,500	253 255
		Subtotal For Tooele Army Depot PART I	\$	1,500	1,500	
		TOTAL MCA FOR Utah	\$	18,000	18,000	

COMPONENT ARMY		FY 1994 MILITARY COM	ISTRUCTION PRO	GRAM	2. DAT	E RIL 1993
INSTALLATION AND L	OCATION	4. COMMAND				CA CONSTRUCTION ST INDEX
Dugway Proving Gro Utah	Dugway Proving Ground US Army Materiel Command Usah					1.00
6. PERSONNEL STREN	GTH: PERMA	NENT STUD	ents	SUPPORTED		
		LIST CIVIL OFFICER E				OTAL
A. AS OF 30 SEP 19 B. END FY 1999	92 43 35	109 800 0 91 745 0	0 0	1 1	568 673	1,522 1,545
B. END FY 1999		91 743 0				
			Y DATA (\$000)			
A. TOTAL ACREAG		802,724 AC				
		SEP 1992			409,191 0	
		THE FY 1994 PROGRAM			16,500	
		THE FY 1995 PROGRAM.			0	
		(NEW MISSION ONLY).			0	
G. REMAINING DE	FICIENCY				15,650	
H. GRAND TOTAL.					441,341	
8. PROJECTS REQUES	TED IN THE FY	1994 PROGRAM:				
CATEGORY PROJEC		2331 111001001		COST	DESIGN	STATUS
CODE NUMBER		PROJECT TITLE		(\$000)	START	COMPLETE
319 1629	9 Life Science	ces Test Facility		16,500	11/1990	02/1994
			TOTAL	16,500		
9. FUTURE PROJECTS						
CATEGORY				COST		
CODE	1	PROJECT TITLE		(\$000)		
A. INCLUDED IN	THE FY 1995 P	PROGRAM: NONE				
B. PLANNED NEX	(T FOUR PROGRAM	M YEARS (NEW MISSION	ONLY): NONE			
10. MISSION OR MA	TOD PUNCTETONS.					
		Plan, ∞nduct, evalua	te and report	the results		
		llowing integrated te				
assess the militar	ry value of che	emical warfare and bi	ological defer	nse systems		
(CW/BO), and flame	incendiary a	nd smoke obscurant sy	stems. 2. Pro	vide advice,		
		l developers, materia				
		te industry. 3. Condu		testing and		
evaluation as dire	ected by the O	ommanding General, TE	XXXM.			
D FORM 1300	PR	EVIOUS EDITIONS MA	AY BE USED I	NTERNALLY		PAGE NO.

1. COMPONENT	EV 1004 MILITIARY CONCENTRATIONS	FY 1994 MILITARY CONSTRUCTION PROGRAM		
ARMY	FI 1999 HIBITAKI CONSTRUCTIO	N PROGRAM	2. DATE APRIL 1993	
Installati	ION AND LOCATION: Dugway Proving Ground	Utah		
11. OUTSTANDING P	COLLUTION AND SAFETY DEFICIENCIES:	,,	\$000)	
A. AIR POLLUT		14	0	
B. WATER POLL	JUTION VAL SAPETY AND HEALTH		0	
C. WUUTHIIM	AL SAFETY AND HEALITH		0	

1.COMPONENT					-		2.DATE	
ARMY	FY 1994 MILITARY CONSTRUCTION PROJECT DATA						APRIL 1993	
					ECT TITLE			
Dugway Proving								
Dugway Floving Utah	0100	•		Life	Scier	ces Test E	acility	
5. PROGRAM ELEMENT 6. CATEGORY CODE			7. PROJECT NUMBER 8. PROJECT COST (\$000)				))	
NOONNII DUDINII			1	16299		Auth	Auth 16,500	
55601A		319	1			Approp	16,500	
09001K			COST EST					
ITEM				U/M		QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY				1 1			14,111
Life Sciences Laboratory					SF	32,000	351.69	(11,254
Aerosol Chamber					LS			(2,02
Emergency Generator					KW	400	422.50	(16
IDS Installation					LS			(7
Sewage Lagoon					KG	8	37,500	(30
Building Information Systems					LS			(28
SUPPORTING FAC					1			60
Electric Ser		_			LS			(6
Water, Sewer					LS			(7
Paving, Walks, Curbs, And Gutter					LS			(6
Site Imp( 92) Demo( 40)					LS			(13
Information Systems					LS			(21
UG Fuel Storage/Pump & Piping					LS			(5
ESTIMATED CONT	RACT C	OST			+			14,71
CONTINGENCY PERCENT (5.00%)								73
SUBTOTAL							I	15,45
SUPERVISION, INSPECTION & OVERHEAD (6.00%)								92
TOTAL REQUEST								16,37
TOTAL REQUEST (ROUNDED)								16,50
INSTALLED EQUI	PMENT-	OTHER APPROPRIAT	TIONS					(23
10.Description of Prope	osed Constr	motion Constant	at 2 a		toct	facility	with are	as for

10.Description of Proposed Construction Construct a central test facility with areas for administrative and general laboratory support, and biological defense testing under strict containment. Special requirements include an aerosol chamber, incinerator, breathable air system, emergency generator, special ventilation to maintain directional airflow into containment suites, and a treatment system for contaminated liquid waste. Asbestos removal is required. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; underground (UG) fuel storage; security fencing and gates; sewage pump station; paving, walks, curbs and gutters; information systems; and site improvements. Access for the handicapped will be provided for administrative areas only. Process steam will be provided by a self-contained oil-fired boiler. Heating and air conditioning will be provided by ground coupled heat pump. Non-laboratory area will be cooled by evaporative cooling. Demolish three buildings (2,260 SF) (within the footprint) with asbestos removal.

11. REQUIREMENT: 32,000 SF ADEQUATE: NONE SUBSTANDARD: 60,332 SF PROJECT: Construct a Life Sciences Test (LST) facility. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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PAGE NO.

249

1.COMPONENT	FY 1994 MILITARY CONS	STRUCTION PROJECT DATA
ARMY	11 11 11 11 11 11 11 11 11 11 11 11 11	APRIL 1993
3. INSTALLATION AN	D LOCATION	
Dugway Province	Ground, Utah	
4. PROJECT TITLE		5. PROJECT NUMBER
Life Sciences	Test Facility	16299

REQUIREMENT: The Life Sciences Test Facility (LSTF) will be the Department of Defense (DOD) test center for the evaluation of biological defense material including biodetection, protection, and decontamination systems. This project is required to provide a facility complying with regulatory, statutory and environmental constraints and approved practices. Biological defense material will be evaluated in a contained laboratory setting using simulants and potential biological warfare agents. Safe testing of materials requiring Bio-safety Level 3 containment is necessary. The extent of allowable testing is based on the bio-safety levels (four) as defined by the Centers for Disease Control/National Institutes of Health. The new facility will house and support the aerosol chamber.

CURRENT SITUATION: Existing laboratory testing and support facilities for biological defense and life sciences testing functions are located in a complex of 24 buildings constructed in the early 1950s. Dugway Proving Ground is the only Department of Defense materiel test site for all biological and chemical detection, decontamination and protective equipment, as well as smoke and obscurants. Facilities minimally meet current standards, but are significantly deteriorated from years of underfunding. These facilities are not economically repairable, and require constant high cost maintenance. Current activities require Bio-safety Level 3 testing. Facilities are not energy efficient and consume 13 percent of the total energy used at Dugway Proving Ground. No other DOD activity exists that has the facilities and/or capabilities to perform Dugway's mission in biological defense testing. IMPACT IF NOT PROVIDED: If this project is not provided, continued facilities deterioration could force reversion to a bio-safety Level 2 test program, severely limiting laboratory practices. Interim upgrades have been made to the existing facilities which allow some Level 3 testing. However, these upgrades experience frequent breakdowns, compromising the ability to maintain a Level 3 program. If the Level 3 program cannot be maintained, testing of defensive materials against threat materials of a biological origin would have to be severely curtailed. This would raise questions as to the validity of the National Biological Safety Program and the defensive protection provided United States service members.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

1.COMPONENT		2.DATE
1	FY 1994 MILITARY CONSTRUCTION PROJECT	
ARMY		APRIL 1993
3. INSTALLATION AN	D LOCATION	
Duguay Proving	Ground, Utah	
4.PROJECT TITLE		5.PROJECT NUMBER
1.1.1.00.00.01		
Tifo Saionaos	Test Facility	16299
Life Sciences	lest racificy	
12. SUPPLEMEN	ITAL DATA:	
	nated Design Data:	
(1)	Status:	
(1)	(a) Design Start Date	NOV 1990
	(b) Percent Complete As Of 01 January 93	
	(c) Percent Complete As Of 01 October 93	
	(d) Design Complete Date	
	(d) Design Complete Date	<u>IDD 1991</u>
(2)	Basis:	
(2)		(NO) N
	<ul><li>(a) Standard or Definitive Design - (YES</li><li>(b) Where Design Was Most Recently Used</li></ul>	/NO/ N
	(b) where besign was most kecencry used	
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	(\$000)
(3)	(a) Production of Plans and Specification	,
i	(b) All Other Design Costs	
	(c) Total Design Cost	
	(d) Contract	
	(e) In-house	
1	(e) In-nouse	
(4)	Construction Start	APR 1994
(4)	Constituetion Start	month & year
		monen o jeur
B. Equi	oment associated with this project which w	ill be provided from
other appro		Til be provided from
Ocher appro	or racions.	Fiscal Year
Equipment	Procuring	Appropriated Cost
Nomenclat		Or Requested (\$000)
Nomenciat	Appropriacion	or kequesced (2000)
TDC Fouriers	nt RDT&E	1995 30
IDS Equipme		1995 147
Lab Furnitu		1994 8
Info Sys -		1994 53
Info Sys -	PROP	1994 33
		TOTAL 238
		101AL 236
1		
1		

		FY 1994 MILITARY	Y CONSTRUC	TION PROGR	AM		2. DA	
ARMY							AP	RIL 1993
INSTALLATION AND LOC	TATTON!	4. COMMANI		-				EA CONSTRUCTION
INSTALLATION AND DO	ATTON	4. COMMAND	J					EA CONSTRUCTION ST INDEX
Tooele Army Depot		US Army Mater	riel Comman	nd			"	or meen
Utah								1.02
6. PERSONNEL STRENGT			STUDENTS		SUPPOF			
A. AS OF 30 SEP 1992		ST CIVIL OFFICE	O O	.1A1F OŁŁ		12 12	VIL T 92	OTAL 3,398
B. END PY 1999	12	1B 2940	0 0	0		15	92	3,079
						13	72	3,019
		7. INVE	VIORY DATA	(\$000)				
A. TOTAL ACREAGE.		24,735 AC						
B. INVENTORY TOTA						86	9,470	
C. AUTHORIZATION	NOT YET IN I	WENTORY					0	
D. AUTHORIZATION							1,500	
E. AUTHORIZATION	INCLUDED IN 1	THE FY 1995 PROGR	RAM				0	
F. PLANNED IN NEX	T FOUR YEARS	(NEW MISSION ONI	ΣΥ)				0	
G. REMAINING DEFI	CIENCY					16	1,000	
H. GRAND TOTAL						1,03	1,970	
		<del></del>				_		
8. PROJECTS REQUESTE	D IN THE FY 1	1994 PROGRAM:						
CATEGORY PROJECT					COST			STATUS
CODE NUMBER		COJECT TITLE			(\$000)			COMPLETE
216 40537	Treaty Compl	iance Facility			1,5	00	06/1992	12/1992
			TOT	AL	1,5	00		
9. FUTURE PROJECTS:								
CATEGORY					COST			
CODE	PR	COURCE TITLE			(\$000)			
A. INCLUDED IN T	HE FY 1995 PR	NOGRAM: NONE						
B. PLANNED NEXT	POUR PROGRAM	YEARS (NEW MISSI	ON ONLY):	NONE				
		-						
10. MISSION OR MAJOR		alo Been Door t						
The principal mi								
maintenance depot pr					me, and	1		
disposal of assigned								
construction, rail a								
conventional and che		ons, and general				e		
					ation			
and testing of ammun			-					
and testing of ammun support to attached			n a protot	ype plant	•			
and testing of ammun		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		ts carried out i						
and testing of ammun support to attached		its carried out i						

1. COMPONENT	NT FY 1994 MILITARY CONSTRUCTION PROGRAM		
ARMY			APRIL 1993
			l
TAICTEST I STORY	I NID LOCATION. Thouse a hour Depart	III ah	
INSTALLATION	AND LOCATION: Tooele Army Depot	Utah	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
		(\$00	
A. AIR POLLUTIO B. WATER POLLUT			0
	SAFETY AND HEALTH		0
C. OCCUPATIONAL	SMELL NEW REMUIR		v
ACE NO DEA	PREVIOUS EDITIONS MAY BE USE	D INTERNALLY	

1.COMPONENT							2.DATE	
	FY 1	9 <u>94                                   </u>	CONST	RUCTIO	N PR	OJECT DATA		
ARMY 3. INSTALLATION AN		***					A	PRIL 1993
		ION		4.PROJE	CT TI	TLE		
Tooele Army De	pot							
Utah			12			rification		
5. PROGRAM ELEMENT		6.CATEGORY CODE	7. PROJ	ECT NUMI	BER	8.PROJECT	• • • • • • • • • • • • • • • • • • • •	•
						Auth		500
85796A		216		40537		Approp	1,	500
		9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	COST	COST (\$000)
PRIMARY FACILI	TY							1,217
Office/Stora	ge Sp	ace			SF	1,680	291.00	(489)
Laboratory	_				SF	840	867.00	(728)
SUPPORTING FAC	ILITI	ES			-			151
Electric Ser	vice	<del></del>			LS			(38)
Water, Sewer	, Gas				LS			(45)
Paving, Walk	s, Cu	rbs And Gutters			LS			(23)
Storm Draina	ge				LS			(8)
Site Imp(	15)	Demo()			LS			(15)
Information	Syste	ns			LS			(22)
ESTIMATED CONT	RACT	COST			$\vdash$	-		1,368
CONTINGENCY PE	RCENT	(5.00%)						68
SUBTOTAL								1,436
SUPERVISION, I	NSPEC	TION & OVERHEAD	(6.0	0%)				86
TOTAL REQUEST			•					1,522
TOTAL REQUEST	(ROUN	DED)						1,500
INSTALLED EQUI	PMENT	OTHER APPROPRIAT	CIONS					(4,618)
					1 1			

10.Description of Proposed Construction Expand United States (US) Chemical Stockpile Disposal Program (CSDP) facilities to meet US obligations under the Draft Bilateral Protocol (26 March 1991) implementing the Agreement Between the United States of America and the Union of Soviet Socialist Republics on Destruction and Non-Production of Chemical Weapons and on Measures to Facilitate the Multilateral Convention Banning Chemical Weapons which was signed by President Bush and then President Gorbachev on 1 June 1990. Work includes constructing office/storage and laboratory space for use by non-US inspectors and their associated US escorts. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating and air conditioning size will be provided.

11. REQUIREMENT: 2,520 SF ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct office and laboratory space which will be used by non-US chemical weapons destruction inspectors and their associated US On-Site Inspection Agency Escorts. (New Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD 1 PORM 1391

1.COMPONENT						2.DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
J.INSTALLATION AN Tooele Army De						
4.PROJECT TITLE				5.1	ROJECT	NUMBER
Treaty Verific	cation Facili	zy				40537

REQUIREMENT: This project is required to satisfy compliance requirements contained in the Draft Bilateral Protocol (26 March 1991). Specifically paragraph I.D.3(a)(ii) of the Draft Protocol requires the Inspected Party to provide work, office and storage space for the inspectors. According to the Arms Control and Disarmament Agency and the Assistant Secretary of Defense, Multilateral Negotiations, the inspector laboratory area is considered a special form of work space which must be provided by the Inspected Party. Inspector office space is provided diplomatic immunity and must therefore be separate from the escort office space. A maximum of 30 non-US inspectors and approximately 15 US escorts from the On-Site Inspection Agency, over a 24-hour period, will be involved with verifying the destruction of chemical weapons at US CSDP facilities. Destruction verification is expected to begin no earlier than March 1995 at the Johnston Atoll Chemical Agent Munition Disposal Systems (JACADS) and the Tooele Chemical Agent Disposal Facility (TOCDF). Inspection at the remaining US CSDP facilities will begin approximately three months before the start of toxic (chemical weapon destruction) operations. CURRENT SITUATION: There are currently no provisions for inspector/escort office or laboratory space at US CSDP facilities. There is insufficient space at the disposal facility laboratory to accommodate inspector or US analysis of chemical agent samples or other treaty authorized analytical or monitoring procedures.

IMPACT IF NOT PROVIDED: If this project is not provided, the US will not be able to meet its obligations under the draft Bilateral and Multilateral chemical weapons Disarmament Agreements.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

    - (c) Percent Complete As Of 01 October 93 (PROG YR).. 100
  - (2) Basis:
    - (a) Standard or Definitive Design (YES/NO) Y

1.COMPONENT				2.DATE	
	FY 19 <u>94</u> M	ILITARY CONSTRUCTION PRO	DJECT DATA		
ARMY 3.INSTALLATION A	10010701			APRI	L 1993
J.INSTALLATION A	ND LOCATION				
Tooele Army D	epot, Utah				
4.PROJECT TITLE			5.PROJECT ?	NUMBER	
Treaty Verifi	cation Facility			405	37
12. SUPPLEME	NTAL DATA: (Cont	inued)			
	mated Design Dat				
	(b) Where Desi	gn Was Most Recently Us	ed		
	Johnston I	sland			
(3)		st (c) = (a)+(b) OR (d)			000)
		of Plans and Specifica			
		Design Costs gn Cost			74
		·····			
				-	
(4)	Construction St	art		<u>OCT</u>	1993
				month &	year
B. Equi other appro		with this project which	n will be p	rovided ii	ОШ
other appro	princions.		Fisc	al Year	
Equipment		Procuring		opriated	Cost
Nomenclat		Appropriation		equested	(\$000)
Analytical		OPA	199		955
Analytical		OPA	199		1,022
Analytical	Equipment	OPA	199	′	2,641
			TO'	TAL	4,618
					.,

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART 1) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUT	REQUEST	APPROPRIATION REQUEST	PAGE
Virgini	a 9161	Fort Belvoir (MDW) Operations Facility		860	860	261 263
		Subtotal For Fort Belvoir PART I	\$	860	860	
	2571 2580	Fort Lee (TRADOC) Whole Barracks Renewal Applied Instruction Facility		20,000		267 269 272
		Subtotal For Fort Lee PART I	\$	32,600	32,600	
	33965	Fort Myer (MDW) Whole Barracks Renewal		6,800	6,800	275 277
		Subtotal For Fort Myer PART I	\$	6,800	6,800	
		TOTAL MCA FOR Virginia	\$	40,260	40,260	

ARMY				APRIL 19	993
INSTALLATION AND LO	CATION 4.	COMMAND		5. AREA CO	NSTRUCTION
				COST IN	DEX
Port Belvoir	US Arm	y Military District of Wa	shington	1	
/irginia					1.05
. PERSONNEL STRENG		STUDENTS	SUPPORTED		
. AS OF 30 SEP 1992		OFFICER ENLIST CIVIL OF 460 1237 332	FICER ENLIST ( 341 439	2105 13,2	
3. END FY 1999	727 1711 5114		457 470	5995 16,3	
A. TOTAL ACREAGE.		. INVENTORY DATA (\$000)			
			1,	591,639	
				0	
D. AUTHORIZATION	REQUESTED IN THE FY 19	94 PROGRAM		860	
		5 PROGRAM		0	
		ION ONLY)		0	
				122,568 715.067	
PROJECTS REQUESTS  CATEGORY PROJECT	ED IN THE FY 1994 PROGR	AM:	COST	DESIGN STAT	116
CODE NUMBER	PROJECT TIT	TLE	(\$000)	START COMP	
	Operations Facility	_	860	04/1992 06/	
		TOTAL	860		
CATEGORY CODE A. INCLUDED IN T	PROJECT TIT THE FY 1995 PROGRAM:		COST (\$000)		
B. PLANNED NEXT	FOUR PROGRAM YEARS (NE	W MISSION ONLY): NONE			
O. MISSION OR MAJOR	FUNCTIONS:				
		on from a "training" post			
		ome of the Engineer Schoo			
		er of units, organizations thin the National Capitol			
ectivities moving II	Can other locations wit	an the National Capitol	region.		
.1. OUTSTANDING POLI	JUTION AND SAFETY DEFIC	CIENCIES:			
			(\$	000)	
A. AIR POLLUTION				0	
8. WATER POLLUT				0	
C. OCCUPATIONAL	SAFETY AND HEALTH			0	

1.COMPONENT							2.DATE	
ARMY	FY 19	94 MILITARY	CONST	RUCTIO	N PR	OJECT DATA	Al	PRIL 1993
3.INSTALLATION AN	D LOCATI	ON		4.PROJE	CT TI	TLE		
Fort Belvoir								
Virginia						s Facility		
5.PROGRAM ELEMENT		CATEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$00	0)
						Auth		860
91520A		141		9161		Approp		860
		9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	(\$000)
PRIMARY FACILI	TY							675
Field Operat	ions B	uilding			SF	6,185	108.87	(673)
IDS Installa	ation				LS			(1)
Building Inf	ormati	on Systems			LS			(1)
SUPPORTING FAC		<u>s</u>						94
Electric Ser					LS			(13)
Water, Sewer					LS			(10)
Paving, Walk		bs & Gutters			LS			(30)
Storm Draina	_				LS			(5)
Site Imp(					LS			(30)
Information	System	S			LS .			(6)
ESTIMATED CONT	RACT C	OST						769
CONTINGENCY PE	ERCENT	(5.00%)						38
SUBTOTAL								807
SUPERVISION, I	NSPECT	ION & OVERHEAD	(6.0	0%)				48
TOTAL REQUEST			*	•				855
TOTAL REQUEST	(ROUND	ED)						860
INSTALLED EQUI	PMENT-	OTHER APPROPRIAT	TIONS					(19)
10.Description of Prop	osed Consti	ruction Construc	ct a st	andard	-des	ign, specia	alized C	riminal

Investigations Division Command (CIDC) field operations building. Project includes operational space; specialized mission support areas to include a polygraph suite with acoustic isolation and environmental controls, evidence repository with security requirements for storage of drug and perishable evidence, suspect isolation areas, duty agents' screening room, observation and interview areas with acoustic separation, photo identification and fingerprint room, issue supply area, storage, and supply and property maintenance areas. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (oil-fired) and air conditioning (20 tons) will be provided by self-contained systems.

6,185 SF ADEQUATE: REQUIREMENT: NONE SUBSTANDARD: 7,722 SF PROJECT: Construct a standard-design specialized field operations building. (Current Mission)

1.COMPONENT					2.DATE
	FY 19 <u>94</u>	MILITARY CONSTRUCTION	PROJECT	DATA	
ARMY					APRIL 1993
3. INSTALLATION AND	LOCATION				
Dank Dalassin 1	** * - * -				
Fort Belvoir, '	virginia				
4.PROJECT TITLE			5.P	ROJECT	NUMBER
Operations Fac	ility		1		0161

REQUIREMENT: This project is required to provide adequate operating facilities for the 11 personnel working in a Resident Agency, a criminal investigative field office of the US Army Criminal Investigations Division Command (USACIDC). This organization requires a facility with special purpose space to perform its mission. Examples are a polygraph room and an evidence depository. No facilities on or off the installation can properly satisfy the requirement, and the currently used buildings need to be scheduled for demolition.

CURRENT SITUATION: The USACIDC activity at Fort Belvoir is a separate tenant activity that has occupied the same two temporary wooden structures since 1977 or earlier. These two structures were built in 1941 and 1942 as a troop barracks and a dining facility. Neither building has undergone major renovations since 1977 with the exception of the addition of air conditioners in 1986. These facilities do not meet current standards for a USACIDC Field Office. The lack of sufficient space, inadequate environmental factors (heat, light, and air conditioning), and insufficient buffered areas for CIDC operations has an increasingly detrimental impact on the criminal investigation mission to the point where the organization can no longer operate efficiently. Neither building is considered economical to heat, cool, nor maintain and will be demolished as soon as vacated.

IMPACT IF NOT PROVIDED: If this project is not provided, the structure will

INPACT IF NOT PROVIDED: It this project is not provided, the structure will remain functionally unchanged. Proper separation of victims, witnesses and suspects will continue to consume an inordinate amount of time. Suspects will be likely to see potential witnesses (informants), thus increasing the possibility that vital information will be withheld because confidentiality cannot be assured. Operational efficiency will continue to suffer because major activities are located where space permits rather than where functional responsibilities direct. An excessive amount of time will be necessary to eliminate environmental factors on polygraph results. The polygraph area must be soundproof and draft free to ensure that subjects are not responding to noises and that body changes are not caused by drafts. Additional time and effort are necessary to verify results. The present crowded conditions will continue to lower morale, productivity, and efficiency, which hampers mission accomplishment. Poor facilities diminish from the investigators' ability to apprehend criminals.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

					2.DATE	
1.COMPONENT	FY	1994	MILITARY CONSTRUCTION PE	OJECT DATA	-	
ARMY					APRI	L 1993
3. INSTALLATION AN	D LOCATION	N				
Fort Belvoir,	Virgini	a		Le -no trom		
4.PROJECT TITLE				5.PROJECT	NUMBER	
Operations Fac	nility				916	<b>K1</b>
Operacions .a.	CILICY					, ,
12. SUPPLEMEN	NTAL DAT	A:				
	mated De	_	ita:			
(1)	Status:					
ı			art Date			
1			Complete As Of 01 January			40
			Complete As Of 01 October complete Date			1993
	(u) DC	Sign C	omplete bate			1775
(2)	Basis:					
			or Definitive Design -			
	(b) Wh	ere Des	sign Was Most Recently Us	sed		
(3)	Total D	esian (	Cost (c) = (a)+(b) OR (d)	1+(0):	(5)	000)
(3)			on of Plans and Specification		• •	49
			Design Costs			
			sign Cost			194
						103
	(e) In	-house			• • • • • • • • • • • • • • • • • • • •	91
(4)	Constru	ction (	Start		DEC	1993
(*)	CONSCIU	ccion .	Jean C		month &	
						-
	_		ed with this project which	ch will be p	rovided f	rom
other approp	priation	s:				
					al Year	0
Equipment			Procuring		opriated equested	Cost (\$000)
Nomenclati	ure		Appropriation	<u>OI_R</u>	equested	(\$000)
IDS Equipme	nt		OPA	199	4	7
Info Sys - :			OPA	199	4	12
				TO	TAL	19

ARMY					TION PRO	, card a 1			ATE
								A	PRIL 1993
INSTALLATION AND LOC	CATION	4. α	MMAND					5. A	REA CONSTRUCTION
								α	OST INDEX
Fort Lee Virginia		US Army	Training	and Do	xtrine	Command			
Virginia		<u> </u>		_					0.87
6. PERSONNEL STRENGT	H: PERMAN	ENT	STU	ENTS		SUPP	ORTEI	)	
	OFFICER ENLI			NLIST (	CIVIL	OFFICER EN	LIST	CIVIL	IOTAL
A. AS OF 30 SEP 1992		51 3013	689	3881	541	69	40	1770	13,352
B. END FY 1999	616 23	2971	558	4004	336	68	40	1773	12,608
		7.	INVENTOR	RY DATA	(\$000)				
A. TOTAL ACREAGE.		5,575 AC							
B. INVENTORY TOTA								673,048	
C. AUTHORIZATION								0	
D. AUTHORIZATION								32,600	
E. AUTHORIZATION								0	
F. PLANNED IN NEX								0	
G. REMAINING DEFI								40,977	
H. GRAND TOTAL				• • • • • • •				746,625	
8. PROJECTS REQUESTE	D IN THE FY 1	994 PROGRAM	1:						
CATEGORY PROJECT						ms	т	DESTO	N STATUS
CODE NUMBER	PR	OJECT TITLE	:			(\$00			COMPLETE
	Whole Barrac						,		2 04/1994
	Applied Inst		ility				,600		2 06/1993
							,	02/ 255	. 00/1777
				TOI	'AL	32	,600		
9. FUTURE PROJECTS:									
CATEGORY						COS	m		
CODE	PR	OJECT TITLE				(\$00			
A. INCLUDED IN T						(\$00	0)		
ii. Inchopub iii i	111 1775 110	OSIGNATI. (4)	TAE.						
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW	MISSION	ONLY):	NONE				
10. MISSION OR MAJOR									
Provides support									
Command, the US Army									
Management College,							and		
other tenant activit									
activities and units									
Quartermaster Center									
combat and combat su					s, supp	ort reser	ve		
components and other	satellited a	ctivities a	nd units						
							-		

1. COMPONENT	FY 1994 MILITARY CONST	RUCTION PROGRAM	2. DATE
ARMY			APRIL 1993
			12 12 222
INSTALLATION	AND LOCATION: Fort Lee	Virginia	
11 OFFICE PARTY POLICE	HITTOUR NEW ANDREWS		
11. OUISTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
		(\$000	
A. AIR POLLUTIO			0
B. WATER POLLUT	ION		0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
			1
			j

1.COMPONENT						2.DATE	
	FY 19 <u>94</u> MILITA	ARY CONST	RUCTIO	N PRO	DJECT DATA		
ARMY 3.INSTALLATION AND			1			AP	RIL 1993
	LOCATION		4.PROJE	CT TI	FLE		
Fort Lee			l				
Virginia	6.CATEGORY CODE	- 18			racks Renev		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7. PROJ	ECT NUMB	ER	1	COST (\$000	
057063	701				Auth	20,0	
85796A	721	9.COST EST	2571		Lyphinh	20,0	00
	<del></del>	9.COST EST	THATES				
	ITEM			U/M	QUANTITY	COST	COST (\$000)
PRIMARY FACILIT	Y						17,135
Barracks Mode	rnization			SF	194,382	60.70	(11,799
Co/Bn Operati	ons Facility			SF	43,200	72.10	(3,115
Dining Facili	ty			SF	16,412	130.43	(2,141
Building Info	ormation Systems		İ	LS			(80
SUPPORTING FACI	LITIES			-			746
Electric Serv	rice			LS			(155
Water, Sewer,	Gas			LS			(55
Paving, Walks	, Curbs And Gutters			LS			(347
Storm Drainag	je		-	LS			(22
Site Imp( 1	.41) Demo( )		1	LS			(141
Information S	Systems			LS			(26)
ESTIMATED CONTR	ACT COST						17,881
CONTINGENCY PER	CENT (8.00%)						1,430
SUBTOTAL						1	19,311
SUPERVISION, IN	SPECTION & OVERHEAD	(6.0	08)			1	1,159
TOTAL REQUEST					ì		20,470
TOTAL REQUEST (							20,000
INSTALLED EQUIP	MENT-OTHER APPROPRI	ATIONS					(44)
10.Description of Propos	ed Construction Modern	ize and	reconfi	igure	two barra	cks. Pro	ject
	/sleeping room, bat						vision
room, storage,	laundry room, separ	ate entr	ances,	and	upgrade fi	nishes.	

10.Description of Proposed Construction Modernize and reconfigure two barracks. Project includes living/sleeping room, bath, two walk-in closets, dayroom, television room, storage, laundry room, separate entrances, and upgrade finishes. Construct a company/battalion (Co/Bn) operations facility and a standard-design dining facility. Work includes upgrade of electric systems, wall and roof insulation, flooring, painting, ceilings, windows, and air conditioning. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided in the administrative area and dining facility only. Heating will be provided by a gas-fired boiler. Air conditioning: 600 tons.

11. REQUIREMENT: 4,370 PN ADEQUATE: 929 PN SUBSTANDARD: 1,940 PN PROJECT: Modernize and reconfigure two barracks to meet the Whole Barracks Renewal Program Standard. Construct a battalion/company operations facility and a standard-design dining facility. (Current Mission)

1.COMPONENT					2.DATE
	FY 1994	MILITARY	CONSTRUCTION PROJ	ECT DATA	
ARMY					APRIL 1993
3. INSTALLATION AND LO	CATION				
Fort Lee, Virgini	a				
4.PROJECT TITLE				5.PROJECT N	IUMBER
Whole Barracks Re	newa l				2571
MICIC BUILDOND NO	.nouz				
RECUITREMENT: Th	is projec	t is requi	red to provide imp	rovements	to two
			lion/company admin		
			facilities. Under		
			ovide better livin		
			improved dining f		
			Intended and maxim		
personnel.	In these	Dallacks.	Intended and maxim	dm dc1112	101011 15 040
CURRENT SITUATION	7. Puil+	in +ho 10	50s, the existing	buildings	do not meet
			ng facilities have		
			provements are nee		
			e dining facilitie		
			ioning. Most of th		
	-		rs are communal fo		-
			ugh the administra		-
			cks provide spaces		
				-	
IMPACT IF NOT PRO		-	oject is not provi		
			economical servic ly deteriorate unt		
			conditions for the		
			rate, adversely af		
			ldiers will contin		
			entilation, and th		
1	-		ldew and moisture		-
			trines and showers		
			despite the Army's	ellorts	to improve
living conditions				h. (maha)	lation physical
			coordinated with t		
			ity and/or combatt		
measures are requ	nred. Thi	s project	complies with the	scope and	design
			ion Criteria," tha		
			Army's Architectur		
			" dated 9 December		
			cluded in the Desi		
		analysis	has been prepared	and utill	zed in
evaluating this p	project.				
12. SUPPLEMENTAL	DATA:	n-1-			

- A. Estimated Design Data:
  - (1) Status:
  - (2) Basis:

COMPONENT					2.DATE	
	FY	19 <u>94</u> MILITARY C	ONSTRUCTION PROJ	ECT DATA		
ARMY					APR	IL 199
INSTALLATION	AND LOCATION	N				
rt Lee, Vi	rginia					
PROJECT TITLE				5.PROJECT	NUMBER	
ole Barrac	s Renewa	1			25	71
. SUPPLEM	ENTAL DATA	A: (Continued)				
A. Est		sign Data: (Conti				
		andard or Definit				
	(b) Who	ere Design Was Mo	st Recently Used	I		
(3)	Total De	esign Cost (c) =	(a)+(b) OR (d)+(	e):	(\$	000)
	(a) Pro	oduction of Plans	and Specificati	ons		719
	(b) Al:	l Other Design Co	sts			426
	(c) To	tal Design Cost	• • • • • • • • • • • • • • • • • •			1,145
	(d) Co	ntract	• • • • • • • • • • • • • • • • •			
	(e) In-	-house	• • • • • • • • • • • • • • • •			250
(4)	Constant	ation Ctant				
(4)	Construc	ction Start	• • • • • • • • • • • • • • • • • • • •		month &	
Equipment Nomenclat			uring opriation	Appro	al Year opriated equested	Cost (\$00
Info Sys -	ISC	OP	A	0000	)	
				TO	PAL	

1.COMPONENT								2.DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	DJECT DATA		
ARMY	l							A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	rle		
Fort Lee									
Virginia							nstruction		
5.PROGRAM ELEMENT		6.CAT	EGORY CODE	7.PROJ	ECT NUME	BER	1	COST (\$00	
							Auth	12,	
85796A			171		2580		Approp	12,	600
			9.0	OST EST	IMATES				
			ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY								10,550
Applied Inst	tructi	on C	lassrooms			SF	125,660	80.72	(10,143)
EMCS Connect	tion					LS			(111)
Building In:	format	ion .	Systems			LS	!		(296)
						i I			
SUPPORTING FA	CILITI	ES							797
Electric Se	rvice					LS			(71)
Water, Sewe:	r, & G	as				LS			(20)
Paving, Wall	ks, Cu	rbs	& Gutters			LS			(213)
Storm Drain	age					LS			(48)
Site Imp(	335)	Demo	( )			LS			(335)
Information	Syste	ms				LS			(110)
ESTIMATED CON	TRACT	COST							11,347
CONTINGENCY P	ERCENT	(5	.00%)						567
SUBTOTAL		•	·						11,914
SUPERVISION,	INSPEC	TION	& OVERHEAD	(6.0	00%)				715
TOTAL REQUEST				•					12,629
TOTAL REQUEST	(ROUN	DED)							12,600
INSTALLED EQU	•		ER APPROPRIAT	IONS					(78)

10.Description of Proposed Construction Construct an automated supply training facility, with 30 applied instruction classrooms, administrative space for two training divisions, supply room with an issue point, a publications facility, breakrooms and latrines. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire sprinklers and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating and air conditioning (600 tons) will be provided by a self-contained system. Access for the handicapped will be provided.

11. REQUIREMENT: 629,114 SF ADEQUATE: 163,102 SF SUBSTANDARD: 185,757 SF PROJECT: Construct an automated supply training facility. (Current Mission) REQUIREMENT: This project is required to provide an adequate training facility for 8,000 officers, noncommissioned officers, and enlisted students of the Quartermaster School attending supply training in Materiel Control and Accounting Specialist, Advanced Individual Training (AIT), Basic Noncommissioned Officer Courses (BNCOC), and Advanced Noncommissioned Officer Courses (ANCOC). The allocation of the 125,660 SF for this project is as follows: 30 individual 2,400 SF classrooms supporting 40 students each (total

. COMPONENT						2.DATE	
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT	DATA		
ARMY						APRI	L 1993
.INSTALLATION AND I	OCATION						
ort Lee, Virgin	ia						
Ort Lee, Virgin	ia		·		PROJECT	NUMBER	
	ia	<u>.</u>		5.1	PROJECT	NUMBER	
				5.1	PROJECT	NUMBER	

#### REQUIREMENT: (CONTINUED)

72,000 SF). Administrative space for 126 personnel at 128 SF per person (total 16,128 SF), supply and central publication storage (total 6,000 SF), student break area (total 3,600 SF), latrines (total 2,000 SF), and circulation and mechanical (total 25,932 SF).

The training and administrative functions are presently CURRENT SITUATION: occupying space in 26 buildings located around the installation. The buildings are a mixture of temporary World War II construction, semi-permanent construction, and small permanent facilities. Most of the temporary and semi-permanent facilities are substandard and inhibit the proper training of the soldiers. The loss of valuable training time, due to marching students to and from the various facilities, and the lack of adequate heating and cooling in the temporary facilities is costly. Additionally, the lack of efficiency created by having the administrative support, training facilities, and instructor preparation areas scattered around Fort Lee reduces the ability of the school to devote maximum effort to training. The Quartermaster School is currently accredited by the Southern Association of Colleges, which requires a reevaluation of facilities and instructional programs every five years. Part of the requirement for continued accreditation is a positive program for improvement of facilities and the replacement of obsolete, inadequate facilities. The most recent accreditation expressed concern over the condition of the temporary buildings, and was granted partially because of programmed projects -- such as this one -- to modernize the teaching facilities. IMPACT IF NOT PROVIDED: If this project is not provided, the Quartermaster School will continue to use the existing substandard facilities to train the soldiers in this specialty. The ability of the Army to properly train specialists in the rapidly advancing field of supply automation systems will be adversely impacted due to loss of training time and the scattered location of training and support facilities. Additionally, if the Quartermaster School loses its accreditation, soldiers will no longer receive advanced education credits for the training they receive at Fort Lee, and retention/reenlistment may be affected.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

1. COMPONENT				2.DATE	
		FY 1994 MILITARY CONSTRUCTION PROJE	CT DATA		
ARMY				APRI	L 1993
3.INSTALLATIO	N AND LO	ATION			
Fort Lee,	Virgini	a			
4. PROJECT TIT			5.PROJECT N	UMBER	
Annlied In	et mot i	on Facility		258	20
Applied III	Structi	on rucifity			
	EMENTAL				
		d Design Data:			
(	,	tus:			
	(a)				
	(b)				35
	(c)				
	(g)	Design Complete Date		<u>JUN</u>	1993
(	2) Bas	is:			
	(a)	Standard or Definitive Design - (YES	/NO) N		
	(b)	Where Design Was Most Recently Used			
,	3) Tot	al Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$	١.	(50	000)
,	(a)				613
	(b)				290
	(c)				903
	(d)	•			670
	(e)	In-house			233
,	4) Con	struction Start		TAM	1004
·	4) CON	struction Start,		month &	
B. E other ap		t associated with this project which w	ill be pr	ovided fr	:om
Other ap	propria	cions.	Fisca	l Year	
Equipm	ent	Procuring		priated	Cost
Nomenc		Appropriation		quested	(\$000)
Info Sys	- ISC	OPA	1994		78
			TOT	AL	78
I					

	COMPONENT ARMY		FY 1	994 MILI	TARY CON	STRUCTI	ON PROGR	AM			APRII.	1993	
	INSTALLATION AND LO	CATION		4. 00M						ľ		CONSTRUCT	TION
	Fort Myer Virginia		ט	S Army M	ilitary	Distric	t of Was	hington				1.05	
	6. PERSONNEL STRENG		RMANENT		STUDE			SUPPO					
		OFFICER E	ENLIST C	IVIL OF	PICER EN	LIST CI	VIL OFF	ICER ENL	IST C	IVIL	TOTA	L	
	A. AS OF 30 SEP 199		1444	122	0	0	0	0	864	223	2	,745	
	B. END FY 1999	86	1900	556	0	0	0	0	864	311	3	,717	
				7. It	VENTORY	DATA (	(000						
	A. TOTAL ACREAGE			256 AC									
	B. INVENTORY TOTA								2	29,176			
	C. AUTHORIZATION									0			
	D. AUTHORIZATION									6,800			
	E. AUTHORIZATION									6,100			
	F. PLANNED IN NE									0			
	G. REMAINING DEF									13,393			
	H. GRAND TOTAL								2	55,469			
	8. PROJECTS REQUESTS	ED IN THE E	Y 1994 1	PROGRAM:		_							
	CATEGORY PROJECT		1 1/// /	ricoleri.								NOTE OF	
	CODE NUMBER		DDO TEXT	יי יייייי פ				COST		DESIG			
	CODE NUMBER	Whole Bar		T TITLE				(\$000	)	START	000	MPLETE	
		Whole Bar						(\$000		START	000		
		Whole Bar				TOTA	,	(\$000 6,	)	START	000	MPLETE	
_		Whole Bar				TOTA		(\$000 6,	300	START	000	MPLETE	
		Whole Bar				TOTAL		(\$000 6,	300	START	000	MPLETE	
	721 33965	Whole Bar				TOTAL	,	(\$000 6,	300	START	000	MPLETE	
	721 33965 9. FUTURE PROJECTS:	Whole Bar	racks Re	enewal		TOTAI		(\$000 6,1 6,1	300	START	000	MPLETE	
	721 33965  9. FUTURE PROJECTS: CATECORY CODE		PROJECT	enewal		TOTAI		(\$000 6,	300	START	000	MPLETE	
	721 33965  9. FUTURE PROJECTS: CATEGORY	THE FY 1995	PROJECT	enewal T TITLE		TOTAI	,	(\$000 6,1 6,1 0ST (\$000	300	START	000	MPLETE	
	721 33965  9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 2		PROJECT	enewal T TITLE		TOTAL	,	(\$000 6,1 6,1 0ST (\$000	300	START	000	MPLETE	
	721 33965  9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 2	THE FY 1995	PROJECT	enewal T TITLE		TOTAL		(\$000) 6,1 6,1 00ST (\$000)	300	START	000	MPLETE	
	721 33965  9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 2	ME FY 1995 Whole Bar	PROJECT PROGRAM TRACKS RE	r Title	SSION O	TOTAL		(\$000) 6,1 6,1 00ST (\$000)	300	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT	MME FY 1995 Whole Bar FOUR PROGR	PROJECTS PROGRAM TRACKS RE	r Title	SSION O	TOTAL		(\$000) 6,1 6,1 00ST (\$000)	300	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLIDED IN 7 721  B. PLANNED NEXT	ME FY 1995 Whole Bar POUR PROGR	PROJECT PROGRAM Tracks Re	T TITLE		TOTAI	, XXVE	(\$000 6,1 6,1 0ST (\$000 6,1	300	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR FORT Myer serves	ME FY 1995 Whole Bar FOUR PROGR	PROJECT PROJECT PROGRAM Tracks Re	T TITLE	t in su	TOTAL	, IONE mission	(\$000 6,1 6,1 0ST (\$000 6,1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLIDED IN 7 721  B. PLANNED NEXT	ME FY 1995 Whole Bar FOUR PROGR	PROJECT PROJECT PROGRAM Tracks Re	T TITLE	t in su	TOTAL	, IONE mission	(\$000 6,1 6,1 0ST (\$000 6,1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR FORT Myer serves	ME FY 1995 Whole Bar POUR PROGR R FUNCTIONS G as a troo Anny Mili	PROJECT PROJECT PROGRAM TACKS RO	r Title M: cnewal S (NEW MI	t in su	TOTAL NLY): N pport of	ONE mission	(\$000 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR FORT Myer serves assigned to the U.S.	Whole Bar Whole Bar FOUR PROGR R FUNCTIONS as a stroo Army Mill we 3rd Inf	PROJECT PROJECT PROGRAM racks Re	T TITLE M: enewal S (NEW MI	et in su Washin Ward), tl	TOTAL NLY): N pport of gton. For he U.S.	mission ort Myer Army Ba	(\$000 6,1 6,1 00ST (\$000 6,1 6,1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR Fort Myer serves assigned to the U.S. troop housing for th	Whole Bar FOUR PROGR FUNTIONS as a troo Army Mili ad authoriz	PROJECT PROJECT PROGRAM Tracks Re EAM YEARS Exploreremontary Dis Regt (The	T TITLE M: cnewal S (NEW MI conial possitrict of the Old Guers of al	t in su Washin Mard), tl	TOTAL NLY): N pport of gton. For he U.S. ces with	ONE mission ort Myer Army Bau in the !	(\$000 6,1 6,1 0ST (\$000 6,1 6,1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLIDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR FORT Myer serves sasigned to the U.S. troop housing for th (Pershing's Own), ar	ME FY 1995 Whole Bar FOUR PROGR REUNCTIONS: as a troo Army Mill se 3rd Inf dd authoriz. Myer prov	PROJECT PROGRAY Tracks Re AM YEARS P/Ceremontary Dis Regt (T) ed mombolides hou	r Title M: enewal S (NEW MI ential pos strict of Guers of al	et in sup Washin Mard), the Larvie The Cha	TOTAL  Papert of gron. For the U.S. cess with airman,	Mission ort Myer Army Bau in the !	(\$000 6,1 6,1 COST (\$000 6,1 6,1 COST (\$000 6,1 COST 6,1	, , , , , , , , , , , , , , , , , , , ,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR Fort Myer serves assigned to the U.S. troop housing for th (Pershing's Own), ar Capital Region. Fort	ME FY 1995 Whole Bar FOUR PROGR FUNCTIONS G as a troo Army Mili ed 3rd Inf id d authoriz Myer prov Staff, Arm	PROJECT PROGRAM TACKS Re  PAM YEARS  P/Cereme tary Dis Regt (T) edides hoo ny and th	r Title M: enewal S (NEW MI conial possistrict of me Old Gu ers of al using for me Chief	et in sup Washin Ward), the larvior the Char of Staf	TOTAI  pport of gton. For ces with airman, f, Air F	imission imi	(\$000 6,1 6,1 cost (\$000 6,1 6,1 cost (\$000 6,1 cost (\$000 6,1 cost (\$000 cos	, , , , , , , , , , , , , , , , , , , ,	START	000	MPLETE	
	9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN 1 721  B. PLANNED NEXT  10. MISSION OR MAJOR Fort Myer serves assigned to the U.S. troop housing for the U.S. troop housing for the Capital Region. Fort Staff, the Chief of	FOUR PROGR FUNCTIONS G as a troo Army Mili ed 3rd Inf dd authoriz Myer prov Staff, Arm ed Army Ban	PROJECT PROGRAM PROGRA	T TITLE M: Enewal S (NEW MI onial pos strict of the Old Gu ers of al using for the Chief desponsibl	st in sup Washindard), the Service the Charles of Staf	pport of gton. For he U.S. ces with airman, f, Air F tupportin	mission ort Myer Army Bau in the ! Joint cl force. Fo	(\$000 6,1 6,1 cost (\$000 6,1 6,1 cost (\$000 6,1 cost (\$000 6,1 cost (\$000 cos	, , , , , , , , , , , , , , , , , , , ,	START	000	MPLETE	

	RMY	FI 1994 MILITARI CONSTRUCTION	PROGRAM	APRIL 1993
	INSTALLATION	AND LOCATION: Fort Myer	Virginia	
SI	upport to the Pent	R FUNCTIONS: (CONTINUED) agon, the White House and other authorized onal Capital Region.	claimants	
1:	1. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		A.
	a are portugate		(\$00	0
	A. AIR POLLUTION B. WATER POLLUT			0
		SAFETY AND HEALTH		0
	. Color Hi I Color	The state of the s		

1.COMPONENT							2.DATE	
	FY 19	94 MII	LITARY CONST	RUCTIO	N PR	OJECT DATA		
ARMY							A	PRIL_1993
3. INSTALLATION AND	LOCATIO	NO		4.PROJE	CT TI	TLE		
Fort Myer				1				
Virginia						racks Renev		
5. PROGRAM ELEMENT	6	.CATEGORY COD	E 7.PROJ	ECT NUME	BER	8.PROJECT	•	
						Auth	,	800
22896A		721		33965		Approp	6,	800
			9.COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILIT	ľY							5,786
Barracks Rend	ovation	n			SF	70,000	79.85	(5,590)
Asbestos Abat	tement				LS			(166)
Building Info	ormatio	on Systems			LS			(30)
					1		1	
SUPPORTING FACT	T.TTTE	2			$\square$			48
Electric Serv		<del>-</del>			LS			(48)
								( /
					1		ĺ	
							-	
ESTIMATED CONTE								5,834
CONTINGENCY PER	RCENT	(10.0%)						583
SUBTOTAL								6,417
SUPERVISION, IN	SPECT:	ION & OVERH	IEAD (6.0	08)				385
TOTAL REQUEST								6,802
TOTAL REQUEST (	•		DD 71 T 70110					6,800
INSTALLED EQUIP	PMENT-(	JIHER APPRO	PRIATIONS					(0)
10.Description of Propos	sed Constr	uction Ren	ovate and c	onvert	all	floors in	luding	basement

10.Description of Proposed Construction Renovate and convert all floors including basement and attic of one historic barracks building. Project includes living/sleeping room, bath, walk-in closets, laundry and storage; company operation facility; utility distribution systems for electric; plumbing; and heating, ventilation and air conditioning (HVAC). Replace interior partitions, floor system, doors and windows, repair exterior walls, enclose first floor porch area, install fire system consisting of heat and smoke detection devices in all living quarters, install interior cable system, remove and dispose of asbestos (flooring and insulation), reroute the chilled water pipe and distribution system, and rewire with copper wire. Work also includes four stairs at the location of existing stairs and strengthening a portion of attic floor to accommodate office and storage use. Work also includes reestablishment and reconstruction of historic front porch and landscaping in rear court yard.

11. REQUIREMENT: 2,553 PN ADEQUATE: NONE SUBSTANDARD: 124 PN PROJECT: Modernize an historic barracks building to meet the Whole Barracks Renewal Program Standard. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD 1 FORM 1391

1.COMPONENT		2.DATE
	FY 1994 MILITARY CONSTRUCTION PROJE	
ARMY		APRIL 1993
3.INSTALLATION AND	LOCATION	
Fant Mrsan Win	aini a	
Fort Myer, Vir	911114	5.PROJECT NUMBER
TIT NOODEL TITLE		
Whole Barracks	Renewal	33965
REQUIREMENT:	This project is required to continue the	e modernization of
existing perma	nent barracks to provide adequate housing	g. This project will
provide housin	g for total of 121 personnel (PN): 106 E	1-E4, 11 E5-E6 and 4
E7-E8 (intende	d utilization). Maximum utilization is 1	36 enlisted personnel.
Current utiliz	ation is 133 enlisted personnel.	
CURRENT SITUAT		
	ndation with a slate roof and has been c	
	building. No major repair work has been	
	te roof was repaired in 1984. The existi	
	ms are outdated, inefficient, and do not cant replacement and repair is needed to	
	of this historical building.	avoid further
IMPACT IF NOT	-	ded, outdated and
	ectrical, plumbing, heating and air cond	
	teriorate, routine maintenance will not	
	s will occur. Man hours expended for bac	
	crease rapidly, and quality-of-life prog	
	not be met. Failure to provide this proj	
soldiers will	continue to live in substandard housing	that does not meet
	pace requirements for enlisted personnel	
	condition due to backlog of deferred ma	
	y with the National Historical Preservat	
	This project has been coordinated with t	
	and all required physical security and/	
	es are included. This project complies w D 4270.1-M, Construction Criteria, that	
	mented by the Army's Architectural and E	
	Criteria, dated 9 December 1991, with th	-
	isions included in the Design Criteria I	
	nomic analysis has been prepared and uti	
project.		
12. SUPPLEMEN	TAL DATA:	
A. Estin	ated Design Data:	
(1)	Status:	
	(a) Design Start Date	
	(b) Percent Complete As Of 01 January 9	
	(c) Percent Complete As Of 01 October 9	
	(d) Design Complete Date	<u>JUL 1993</u>
(2)	Basis:	
l `~′	(a) Standard or Definitive Design - (YE	S/NO) N
	(b) Where Design Was Most Recently Used	
	-	

					_
1.COMPONENT	FY 19 <u>94</u> MILI	TARY CONSTRUCTION PRO	TECT DATE:	2.DATE	
ARMY	21 19 <u>21</u> MIII	TART CONSTRUCTION PRO	JECT DATA	APRI	L 1993
3. INSTALLATION AN	D LOCATION				
Fort Myer, Vi	rainia				
4. PROJECT TITLE	rginia	· · · · · · · · · · · · · · · · · · ·	5.PROJECT N	NUMBER	
Whole Barracks	s Renewal			339	65
12. SUPPLEMEN	NTAL DATA: (Continu	ied)			
	nated Design Data:	(Continued)			
(3)	Total Design Cost	(c) = (a)+(b) OR (d)+	(e):	(\$0	000)
	<ul><li>(a) Production of</li><li>(b) All Other Des</li></ul>	Plans and Specificat	ions	· · · · · —	
		ign Costs			236 491
	(d) Contract			. : : :	341
	(e) In-house				150
(4)	Construction Start			7331	1004
(4)	construction Start			month &	
<ol> <li>B. Equipor</li> <li>Other appropriate</li> </ol>		th this project which	will be pr	ovided fr	om
other approp	riacions:		Fisca	ıl Year	
Equipment		Procuring		priated	Cost
Nomenclatu	ire	Appropriation		equested	(\$000)
		M			
		None			
					1
					1

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUT	HORIZATION AP	PROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
						_
Washing	rton	Fort Lewis (FORSOOM)				283
	39078	Incinerator Building Completion		14,200	14,200	285
		Subtotal For Fort Lewis PART I	\$	14,200	14,200	
		* TOTAL MCA FOR Washington	\$	14,200	14,200	
		Total new Tok Maarrington	¥	14,200	14,200	

ARMY	MT		PY :	1994 MIL	ITARY CO	NSTRUCT	ION PROG	RAM		- 1	DATE APRIL 1993
INSTALL	ATION AND LO	CATION		4. 00	MAND						AREA CONSTRUCTION
Port Le	wis			US Azmy I	Porces C	command					
Washing	ton										1.00
6. PERS	ONNEL STRENG	TH: PE	RMANENT		STU	ENTS		SUP	PORTED		
		OFFICER		CIVIL OF	TICER E	NLIST C	IVIL OF	FICER E	NLIST	CIVIL	TOTAL
	P 30 SEP 1992		14161	3332	6	202	0	41	88	541	20,586
B. END I	FY 1999	2129	12783	4149	13	28	0	69	316	584	20,071
B. II C. AI D. AI E. AI F. PI G. RI	OTAL ACREAGE EVENTORY TOTI UTHORIZATION UTHORIZATION UTHORIZATION UTHORIZATION LANNED IN NEI EMAINING DEFI	NOT YET IS REQUESTED INCLUDED XT POUR YE ICIENCY	30 SEP : N INVEN IN THE IN THE I ARS (NE	,174 AC 1992 TORY FY 1994 FY 1995 I W MISSION	PROGRAM.					0 14,200 30,500 0 97,358	
8. PROJE	ECTS REQUESTS	ED IN THE	FY 1994	PROGRAM:							
CATEX	GORY PROJECT							00	ST	DESI	GN STATUS
COL	DE NUMBER		PROJEC	CT TITLE				(\$0	00)	STAR	T COMPLETE
833	39078	Incinera	tor Bui	lding Con	mpletion			1	4,200	10/19	89 01/1993
						TOT	Т	1	4,200		
	RE PROJECTS:										
CATEX								~	ST		
con			PRO TEX	CT TITLE					00)		
A. 1	INCLUDED IN 1	THE FY 199						(70	00)		
81		Utility :							8,500		
72	21	Whole Ba	-	Renewal					2,000		
						TOTA	T.	3	0,500		
В. Б	PLANNED NEXT	FOUR PROG	ram yeai	RS (NEW 1	ISSION	ONLY):	NONE				
Supp I Corps,	SION OR MAJOR port and trai , including a erve Componer urces to open	iming of I a motorized at annual	Corps i d brigad training	de. Suppo g. Ensure nd accomp	ort Madi e the mo	gan Arm st effic 1 assign	Medica elent ut ned miss	l Cente ilizati	r		-

DD 1 FORM 1390

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT ARMY	FY 1994 MILITARY CONSTR	UCTION PROGRAM	2. DATE APRIL 1993
INSTALLATION	AND LOCATION: Fort Lewis	Washington	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(\$000	0
A. AIR POLLUTIO	N		0
B. WATER POLLUT			0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
			i
			-

2.DATE

1. COMPONENT

	Y 19 <u>94</u> MILITA	ARY CONS	TRUCTIO	N PR	OJECT DATA		
ARMY			T			A	PRIL 1993
3. INSTALLATION AND I	OCATION		4. PROJE	CT TI	TLE		
Fort Lewis							
Washington	1				or Buildin		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7. PRO	JECT NUMB	ER	1	COST (\$0	
					Auth		200
22696A	100		39078		Approp	14,	200
		9. COST ES	TIMATES				
	ITEM			U/M	YTITHAUQ	UNIT COST	COST (\$000)
PRIMARY FACILITY							12,173
Incinerator In	cl. Mods			LS			(9,611)
Recycle Center	Modifications			LS			(325)
Ash Landfill C	ell			LS			(2,237)
					•		
SUPPORTING FACIL	ITIES						
						!	1
ESTIMATED CONTRA	CT COST						12,173
CONTINGENCY PERC	ENT (10.0%)						1,217
SUBTOTAL							13,390
SUPERVISION, INS	PECTION & OVERHEAD	(6.0	00%)			1	803
TOTAL REQUEST							14,193
TOTAL REQUEST (R	OUNDED)						14,200
· ·	ENT-OTHER APPROPRI	ATIONS					(0)
-							, , ,
i0.Description of Proposed	Construction Comple	te the	constru	ctio	n of a hea	t recove	ry
refuse incinerat	or to include a sh	redder,	deaera	tor	tank, sepa	ration o	of ash
	ly ash solidificat						
	ide magnetic metal						
	on. Construct a do						
	ion and groundwate						
	y						

11. REQUIREMENT: 190 TN ADEQUATE: 10 TN SUBSTANDARD: NONE PROJECT: Complete the construction of a heat recovery refuse incinerator, provide improvements to a recycling facility and construct a double-lined ash landfill cell. (Current Mission)

REQUIREMENT: An FY 87 MCA project for a heat recovery incinerator at Fort Lewis was never completed. Construction was terminated in August 1989, due to bankruptcy of the contractor and surety defaults. The plant stands at approximately 80 percent complete, but is deteriorating as construction is delayed. At a recent site visit, representatives from Headquarters, Army Corps of Engineers and Argonne National Laboratories evaluated the subject plant. They felt the incinerator was a good basic design and soundly constructed.

DD FORM 1391 PREVIOUS EDITIONS MAY

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

Their final recommendation was to complete the facility with some minor

1.COMPONENT	FY 1994	MIT IMADY	CONSTRUCTION	DDO TECM	DAMA	2.DATE
ARMY	FI 19 <u>54</u>	MILITARI	CONSTRUCTION	PROJECT	DATA	APRIL 1993
3.INSTALLATION AND	D LOCATION					
Fort Lewis, Wa	shington					
4.PROJECT TITLE				5.1	ROJECT	NUMBER
Incinerator Bu	ilding Comple	tion	<del>-</del>			39078

#### REQUIREMENT: (CONTINUED)

modifications and two additional requirements to comply with the new Washington State environmental laws. These additions include a waste shredder with magnetic separator and a double lined landfill for the ash disposal. The minor modifications include improvements to the incinerator to provide a more functional system.

CURRENT SITUATION: Fort Lewis and McChord Air Force Base (AFB) municipal solid waste is currently disposed of in a lined cell at the Fort Lewis landfill, after processing through the recycling center. This disposal method uses space at a rate approximately five times that of incinerated ash. Barracks in the division area are currently heated by boiler plants utilizing fossil fuels. The new incinerator, designed to provide heat to these same buildings, continues to deteriorate as it stands unused. The price for plant completion continues to escalate due to inflation and continued deterioration. IMPACT IF NOT PROVIDED: If this project is not provided, Fort Lewis will be forced to continue buying fossil fuels to heat the barracks in the Division area. The expected reduction in air emissions will not be achieved. The remaining landfill space will be used up much more rapidly. ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria. "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

    - (c) Percent Complete As Of 01 October 93 (PROG YR).. 100

    - (2) Basis:
      - (a) Standard or Definitive Design (YES/NO) N
      - (b) Where Design Was Most Recently Used
    - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

      (a) Production of Plans and Specifications.....

1.COMPONENT		2.DATE	;
ARMY	FY 1994 MILITARY CONSTRUCTION PROJ		APRIL 1993
3.INSTALLATION AND LA	OCATION		
Fort Lewis, Wash	ington		
4.PROJECT TITLE		5.PROJECT NUMBER	
Incinerator Buil	ding Completion		39078
			i
	L DATA: (Continued)		
	ed Design Data: (Continued)		
	) All Other Design Costs		
•	) Total Design Cost		241
	) Contract		
(е	) In-house		241
(5)			
(4) Co	nstruction Start		:h & year
B. Equipme	nt associated with this project which	will be provide	ed from
other appropri			ļ
		Fiscal Yea	ır
Equipment	Procuring	Appropriat	
Nomenclature	Appropriation	Or Request	ed (\$000)
	None		
i			
1			
l			
1			
[			_
i			

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AU1	THORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
US Vari	ious 42169	Classified US Location (USVAR) Classified Project		3,000	3,000	291 293
		Subtotal For Classified US Location PART I	ş	3,000	3,000	
		* TOTAL MCA FOR US Various	\$	3,000	3,000	
** TO	TAL INSIDE	THE UNITED STATES FOR MCA	\$	630,401	630,401	

ARMY		FY 1994 MILITARY C	ONSTRUCTI	ON PROGRAM			2. DAT	TE RIL 1993
. INSTALLATION AND LA		4. COMMAND						EA CONSTRUCTION ST INDEX
Classified US Local US Various	ion	Various US Army	Major Co	mands-US				1.00
6. PERSONNEL STREN		NENT STU	DENTS ENLIST CI	VIL OFFIC	SUPPO		VIL TO	OTAL.
A. AS OF 30 SEP 199		0 0 0	0		0	0	0	0
B. END FY 1999	0	0 0 0	0	0	0	0	0	0
		7. INVENTO	RY DATA (	\$000)				
A. TOTAL ACREAGE	3	0 AC						
B. INVENTORY TO	TAL AS OF 30	SEP 1992			<b></b>		0	
C. AUTHORIZATION	NOT YET IN I	VENTORY					0	
		THE FY 1994 PROGRA					3,000	
		THE FY 1995 PROGRAM					0	
		(NEW MISSION ONLY)					0	
							0	
H. GRAND TOTAL.							3,000	
8. PROJECTS REQUES	TED IN THE FY	1994 PROGRAM:						
CATEGORY PROJECT	r				COST		DESIGN	STATUS
CODE NUMBER	PI	COJECT TITLE			(\$000	)	START	COMPLETE
141 42169	Classified	Project			3,	000		
			TOTA	L	3,	000		
9. FUTURE PROJECTS								
CATEGORY	•				COST			
CHILDONI	pı	OJECT TITLE			(\$000			
A. INCLUDED IN					,,,,,,	,		
B. PLANNED NEX	FOUR PROGRAM	YEARS (NEW MISSION	ONLY):	NONE				
10. MISSION OR MAJO	OR FUNCTIONS:							
11. OUTSTANDING PO	LLUTION AND SA	PETY DEFICIENCIES:						
3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b></b>					(\$00	0	
A. AIR POLLUTION B. WATER POLLUT							0	
B. WATER POLLU C. OCCUPATIONAL		PAT/FM					0	
C. OCCUPATIONAL	o saresi alwa	SAUIN						

1.COMPONENT	2.DATE								
	FY 19 <u>94</u>	MILITARY	CONST	RUCTION	PRO	JECT DATA		DD 77 1000	
ARMY 3.INSTALLATION AN	ID LOCATION			4 . PROJEC	T TIT	LE	A	PRIL 1993	
Classified US				1,1 1,000		20			
US Various	Location			Classi	fied	Project			
5. PROGRAM ELEMENT	6.CA	TEGORY CODE	7.PROJ	ECT NUMBI			COST (\$00	10)	
J. PROGRALI EDENENT		III GORI CODE	7.1.1.00	DOT WOULD		Auth		000	
91212A	İ	141	-	42169		Approp		000	
31212h			OST EST						
					U/M	OUANTITY	UNIT	COST	
		ITEM			U/M	QUANTITI	COST	(\$000)	
PRIMARY FACIL	ITY								
SUPPORTING FA	CILITIES				+				
ESTIMATED CON'					1				
SUBTOTAL									
SUPERVISION,		1 & OVERHEAD	(6.0	00%)					
TOTAL REQUEST									
TOTAL REQUEST									
INSTALLED EQU	IPMENT-OTE	HER APPROPRIAT	IONS					(0)	
10 Description of Pro	posed Coostructi	on This pro	ioot o	Journe		ified act	ivities	a+	
various locat associated wi	ions. Addi th this p	itional informations of the control	ation provi	concer ided to	ning Cong	the requi gress duri	rements ng the r	eview of	
11. REQUIREM PROJECT: To		NONE ADEQU		NOI onal re		SUBSTAND of MCA re		NONE Current	
Mission) REQUIREMENT:	To be p	rovided during	Congr	ression	al re	eview of M	CA reque	est.	
CURRENT SITUA IMPACT IF NOT		be provided To be prov							
request.									
I									

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT		AUTI	ORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
						_
Kwajale	in	Kwajalein Atoll (USASDC)				297
		Kwajalein Atoll				
	35900	Sewage Treatment Facility		11,200	11,200	299
	36324	Unaccompanied Personnel Housing		10,000	10,000	302
		Subtotal For Kwajalein Atoll PART I	\$	21,200	21,200	
		* TOTAL MCA FOR Kwajalein	\$	21,200	21,200	

	COMPONENT ARMY		FY 1994 M	ILITARY CON	STRUCTION	PROGRAM	l		2. DAT	E IL 1993
	AU11									.16 1773
	INSTALLATION AND LO	CATION	4.	COMMAND						A CONSTRUCTION
	Kwajalein Atoll		IIS Ave	y Strategic	Defence	Command			1 000	T INDEX
	Kwajalein		05 848	y Strategic	perense				i	2.54
_										<del>-</del>
	6. PERSONNEL STRENG	TH: PERMAN	NENT	STUDE	NTS		SUPPORT	ED		
		OFFICER ENL								TAL
	A. AS OF 30 SEP 199		10 107		0	0	1	0	1860	1,999
	B. END FY 1999	21	10 107	0	0	0	1	0	1860	1,999
			7	. INVENTORY	DATA (SO	0001	-		-	
	A. TOTAL ACREAGE		3,568 #			•				
	B. INVENTORY TOT	AL AS OF 30	SEP 1992					1,20	05,339	
	C. AUTHORIZATION	NOT YET IN I	NVENTORY						0	
	D. AUTHORIZATION								31,200	
	E. AUTHORIZATION								36,000	
	F. PLANNED IN NE								59,360	
	G. REMAINING DEF								50,750	
	H. GRAND TOTAL	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •			• • • • • • • •		1,3	32,649	
	8. PROJECTS REQUEST	ED IN THE FY	1994 PROGE	RAM:						
	CATEGORY PROJECT						COST		DESIGN	STATUS
	CODE NUMBER	P	ROJECT TIT	TLE			(\$000)		START	COMPLETE
	724 36324	Unaccompanie	ed Personr	mel Housing			10,0	00	06/1991	10/1993
	831 35900	Sewage Treat	tment Faci	ility			11,2	00	08/1992	09/1993
					TOTAL		21,2	00		
	9. FUTURE PROJECTS:									
	CATEGORY						COST			
	CODE	P	ROJECT TIT	TLE			(\$000)			
	A. INCLUDED IN	THE FY 1995 P	ROGRAM:							
	154	Shore Prote	ction				7,7	00		
	442	Hazardous M	aterial Wa	urehouse			9,8	00		
	841	Cover Raw W	ater Tanks	3			5,5	00		
	724	Unaccompanio	ed Personn	mel Housing			13,0	00		
					TOTAL		36,0	00		
		FOUR PROGRAM	VENDO AN	** *******		NE				

Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the government of the Republic of the Marshall Islands.

1. COMPONENT	PY 1994 MILITARY CONSTRU	CTION PROGRAM	2. DATE
ARMY			APRIL 1993
INSTALLATION	AND LOCATION: Kwajalein Atoll	Kwajalein	
10. MISSION OR MAJO	R FUNCTIONS: (OONTINUED)		
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		_
A. AIR POLLUTIO	Δ1	(\$00	0
B. WATER POLLUT		80,9	
	SAFETY AND HEALTH		0

1.COMPONENT					2.DATE	
ARMY	Y 19 <u>94</u> MILITAI	RY CONST	RUCTION PR	OJECT DATA		PRIL 1993
3. INSTALLATION AND L	OCATION		4.PROJECT TI	TLE		
Kwajalein Atoll						
Kwajalein			Sewage Tr	eatment Fa	cility	
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJI	CT NUMBER	8.PROJECT	COST (\$00	00)
	i			Auth	11,	200
65856A	831		35900	Approp	11,	200
	1	COST EST	IMATES			
	U/M	QUANTITY	UNIT COST	COST (\$000)		
PRIMARY FACILITY						8,70
Sewage Treatme	nt Plant		LS			(3,78
Pump Station			EA	4	321,000	(1,284
12 in Sewer Ou	tfall in Water		LF	1,200	1,640	(1,96
12 in Sewer Ou	tfall on Land		LF	1,000	218.00	(21
4 in Waterline	•		LF	7,900	48.00	(37
Total from Con	tinuation page					(1,06
SUPPORTING FACIL	ITIES					1,24
Electric Servi	.ce		LS			(26
Water, Sewer,	Gas		LS			(68
Paving, Walks,	LS			(2		
Storm Drainage	•	LS			(1	
Site Imp( 18	3) Demo( 25)	LS			(20	
Information Sy	rstems		LS			(6
				1		ı

10.Description of Proposed Construction Construct a sewage treatment system on Roi-Namur for domestic waste water to include an office and laboratory. Supporting facilities include utilities, electric service, force mains, sewage pump stations, storm drainage, fire protection and alarm systems, paving, fencing and gates, information systems, and site improvements. Trouble alarms will also be included at new sewage pump stations. Air conditoning (4 tons) will be provided by a self-contained system for office area only. Demolish one building (546 SF) within the footprint.

(6.50%)

11. REQUIREMENT: 70 KG ADEQUATE: NONE SUBSTANDARD: 70 KG PROJECT: Construct a sewage treatment system. (Current Mission)

REQUIREMENT: This project is required to eliminate the discharge of undertreated domestic sewage into the ocean. This project is required for the US Army Kwajalein Atoll to comply with its Environmental Mitigation Plan and effluent to meet requirements of National Pollutant Discharge Elimination System (NPDES) Permit Number TT0110027 (Section 301 (H) of the Clean Water Act, as defined in the Compact of Free Association between the US and the Republic of the Marshall Islands. There are no alternatives which can satisfy this requirement.

ESTIMATED CONTRACT COST

TOTAL REQUEST (ROUNDED)

SUBTOTAL

TOTAL REQUEST

CONTINGENCY PERCENT (5.00%)

SUPERVISION, INSPECTION & OVERHEAD

INSTALLED EQUIPMENT-OTHER APPROPRIATIONS

9,952

10,450

11,129

11,200

498

679

(1)

1.COMPONENT					2.DATE	
	FY 1994	MILITARY CONSTRUC	TION PROJ	ECT DATA	2.0415	
ARMY	_				AP	RIL 1993
3.INSTALLATION AN	D LOCATION					
Kwajalein Atol	l) Funialoin					
4.PROJECT TITLE	.i, kwajalein	<del></del>		5.PROJECT	NUMBER	
Sewage Treatme	nt Facility				3.	5900
0 COCM FCM7						
9. COST ESTI	MATES (CONTI	NUED)			Unit	Cost
Item			U/M	QTY	COST	(\$000)
			<u> </u>	***	2001	140007
PRIMARY FACILI	TY (CONTINUE)	D)				
8 in Sewer L			LF	1,600	126.00	(202)
6 in Force M			LF	7,900	109.00	(861)
Building Inf	formation Syst	tems	LS			(3)
					Total	1,066
CURRENT SITUAT	TON: Domes	tic sewage on the R	oi (wost)	cido of	Poi-Namu	- 10
		a short period of				
		o the ocean. The Na				Only
		s and leaching fiel				water
		tial for infiltrati				
		nd that violates th				
		llowing continued m				
		that the US Army w				The
Republic of th	e Marshall Is	slands (RMI) Enviro	nmental P	rotection	Agency	has not
cited the US G	overnment wit	th the understandin	g that we	will hon	or our	
commitment und	er the ROD.					
IMPACT IF NOT		If this project is				11
		ted wastewater into				
		an Water Act. This				
		d the relationship	between t	ne US and	the Rep	ublic
of the Marshal		N = 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		has been coordinat				
		ical security and/o s project complies				1/1)
		"Construction Crite				1
		ed by the Army's Ar				
		Criteria," dated 9				
		visions included in				
		analysis has been				
evaluating thi						
_	- •					
12. SUPPLEMEN	TAL DATA:					
A. Estim	ated Design I	Data:				
	Status:					
	-	Start Date				
		Complete As Of 01				35
		Complete As Of 01		,		100
	(d) Design (	Complete Date			<u>SE</u>	P 1993

(2) Basis:

1.COMPONENT	1			2.DATE	
	FY 19	94 MILITARY CONSTRUCTION PROJ	ECT DATA		
ARMY		- Instituti constituti incon	DCI DAIA	APR	IL 1993
3.INSTALLATION A	ND LOCATION			1	10 1775
Kwajalein Ato	ll, Kwajal	ein			
A.PROJECT TITLE			5. PROJECT N	NUMBER	
Sewage Treatm	ent Facili	cy		359	900
•	-, ,				
		(Continued)			
A. Esti		gn Data: (Continued)			
		dard or Definitive Design - (YE			
	(b) Wher	Design Was Most Recently Used			
(3)	m-+-1 p	C (-) (-) (-) (-) (-) (-)			
(3)		ign Cost (c) = $(a)+(b)$ OR $(d)+(c)$ uction of Plans and Specification			000) 272
		Other Design Costs			256
		Design Cost			528
		ract			478
		ouse			50
(4)	Construct	ion Start		<u>FEB</u>	1994
				month &	year
		ciated with this project which w	will be p	rovided fi	rom
other appro	priations:				
Equipment		Procuring		al Year	0
Nomenclat		Appropriation		opriated	Cost
Nomenciae	dic	Appropriacion	OL K	equested	(\$000)
Info Sys -	ISC	OPA	1994	1	1
				-	-
			TO	TAL	1

1.COMPONENT								2.DATE	
ARMY	FY 1	9 <u>94</u>	<b>MILITARY</b>	CONST	RUCTIC	N PR	OJECT DATA	1 ,,	PRIL 1993
3.INSTALLATION A	ND LOCAT	TON			4.PROJE	CT TI	דיז פ	Ai	PRIL 1993
		2011			4.FROOL	11	1.06		
Kwajalein Ato	11				l				
Kwajalein 5.PROGRAM ELEMEN		6.CATEGORY	CODI	12 ppor			nied Person	COST (\$00	
J.PROGRAM ELEMEN	r	6.CATEGORI	CODE	7. PROS				•	•
652022	724			26224		Auth	10,0		
65301A	724 36324 A				"PPT-OP	10,	000		
			9.0	OST EST	IMATES	,			
		ITEM				U/M	QUANTITY	COST	COST (\$000)
PRIMARY FACIL	ITY								8,472
Unaccompanied Personnel Housing						SF	36,000	222.50	(8,010)
Replace Tennis Courts (2)						LS			(376)
Building In	format	ion System	ns			LS			(86)
								i	
SUPPORTING FA		ES							547
Electric Se						LS			(90)
Water, Sewe						LS		1	(54)
Paving, Wal						LS			(44)
Site Imp(		•	92)			LS			(329)
Information	Syste	ms				LS			(30)
						1 1		-	
ESTIMATED CON	TRACT	COST				$\vdash$			9,019
CONTINGENCY P	ERCENT	(5.00%)						1	451
SUBTOTAL								1	9,470
SUPERVISION,	INSPEC	TION & OVE	ERHEAD	(6.5	0%)				616
TOTAL REQUEST									10,086
TOTAL REQUEST	(ROUN	DED)						i	10,000
INSTALLED EQU	IPMENT	-OTHER APP	ROPRIAT	IONS					(5)
40 0						لبسل		, , , ,	

10.Description of Proposed Construction Construct an unaccompanied personnel housing (UPH) facility. Relocate two lighted tennis courts. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; information systems; and site improvements. Access for the handicapped will be provided. Air conditioning (100 tons) will be provided from self-contained system. Demolish three buildings (13,022 SF) and two tennis courts (14,040 SF).

11. REQUIREMENT: 1,370 PN ADEQUATE: NONE SUBSTANDARD: 677 PN PROJECT: Construct an unaccompanied personnel housing facility. (Current Mission)

REQUIREMENT: This project is required to provide housing for 88 unaccompanied personnel assigned to USA Kwajalein Atoll (USAKA). This is the second phase of a three-phase project to furnish acceptable housing for 288 unaccompanied personnel on Kwajalein. Phase three will provide housing for 100 personnel and is in the FY 95 program. The residents will be technicians and engineers responsible for operating the range, conducting intelligence operations, space shuttle support, and test programs. The success of these operations, highly sophisticated tests for development of anti-ballistic

1.COMPONENT	FY 19 <u>94</u>	MILITARY (	ONSTRUCTION PR	OJECT DATA	2.DATE
ARMY					APRIL 1993
3.INSTALLATION AND	LOCATION				
Kwajalein Atol:	., Kwajaleir	1			
4.PROJECT TITLE				5.PROJECT	NUMBER
Unaccompanied E	ersonnel Ho	using			36324
missile interce (NASA) support technical perse not sufficient scheduled at US personnel.	is heavily onnel to ope housing to	dependent up rate the ran adequately a	oon ability to age sensors and accommodate the	recruit high d test equip e technician	phly qualified oment. There is as. Programs
CURRENT SITUATE tracking center Site (KREMS), of objects and for miles in area a	DUSAKA is one of the precion missil	also the siterimary Unite e launches.	e of the Kierr d States asset The Kwajalein	nan Reentry s for track Atoll is or	Measurements sing deep space aly 1.2 square

in mission performance.

IMPACT IF NOT PROVIDED: If this project is not provided, USAKA will be unable to fulfill its mission in an efficient and timely manner. Technical personnel will continue to be housed in crowded, inadequate facilities, and employee morale and performance will suffer. Operational and multi-million dollar test programs will not be conducted on schedule or with the best available personnel. This project is required to provide optimum mission support as a national test range in support of the Strategic Defense

making it a very small, very remote, isolated installation. Successful accomplishment of USAKA's research, development, test and evaluation mission depends upon the ability to recruit highly trained technical personnel. Due to limited family housing, most of these technicians are recruited on an unaccompanied basis. The existing quarters are old, overcrowded, unattractive and do not provide the basic privacy which people need. Some live in old trailers. As a result, morale is low, job performance suffers, and the job turnover rate is very high. This is costly in terms of money and degradation

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System ((DCIS). An economic analysis has been prepared and utilized in evaluating this project.

#### 12. SUPPLEMENTAL DATA:

Initiative (SDI) Program.

- A. Estimated Design Data:
  - (1) Status:

    - (b) Percent Complete As Of 01 January 93 (BDGT YR).. 45

1.COMPONENT								2.DATE	
	- 1	FY	19 <u>94</u>	MILITA	RY CONSTRUC	TION PROJE	ECT DATA		
ARMY								APRI	L 1993
3.INSTALLATI	ON AND	LOCATIO	N						
Kwajalein		l, Kwaj	alein				,		
4. PROJECT TI	TLE						5.PROJECT	NUMBER	
			_						
Unaccompar	nied .	Personn	el Hou	using			L	363	24
				ontinued	) ontinued)				
Α. Ι						0-+			100
(c) Percent Complete As Of 01 October 93 (PROG YR) (d) Design Complete Date								100	
		(d) De	sign c	Complete	Date			<u>SEP</u>	1333
,	(2)	Basis:							
,	. ,		andard	d or Def	initive Des	ian - (YES	S/NO) Y		
					s Most Rece	,	-,, -		
				ialein A		,			
			,	•					
(	(3)	otal D	esign	Cost (c	(a) + (b)	OR (d)+(e	e):	(\$0	000)
		(a) Pr	oducti	ion of P	lans and Sp	ecification	ons		400
		(b) Al	1 Othe	er Design	n Costs				200
		(c) To	tal De	esign Co:	st				600
		(d) Co	ntract	t					500
		(e) In	-house	e					100
(	(4)	Constru	ction	Start			• • • • • • • • •		
								month &	year
				ted with	this proje	ct which	will be p	rovided II	rom
other ap	pprop	riation	S:				Di	al Year	
Equi pe				,	Procuring			opriated	Cost
Equipment Procuring Nomenclature Appropriation				o.n		equested	(\$000)		
Nomenc	-iacu			4	ubbiobi igri	.011	OI K	equested	[3000]
Info Sys	s - T	sc.			OPA		199	А	5
Into bys					02 11		1,7,7		,
							TO	TAL	5
								-	

## DEPARTMENT OF THE ARMY FISCAL YEAR 1994 MILITARY CONSTRUCTION (PART 1) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
PR	OJECT		A	UTHORIZATION	APPROPRIATION	
NU	MBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
		<del></del>	-			
Overseas V	arious	Classified Location (FORVAR)				307
	c	lassified Location				
2	7533	Communications Maintenance Facility	_	3,600	3,600	309
		Subtotal For Classified Location PART	1 \$	3,600	3,600	
		* TOTAL MCA FOR Overseas Various	\$	3,600	3,600	
** TOTAL	OUTSID	e the united states for MCA	\$	24,800	24,800	

COMPONENT ARMY		FY 1994 MILITARY	CONSTRUCTIO	n program		2. DAY	NE RIL 1993
INSTALLATION AND LOC	TATION	4. COMMAND					EA CONSTRUCTION ST INDEX
Classified Location		Various US Arm	ny Major Com	mands-Fore	ign	"	
Overseas Various							1.00
6. PERSONNEL STRENGT		NENT ST LIST CIVIL OFFICER	TUDENTS RENLIST CIV		SUPPORTED R ENLIST		OTAL
A. AS OF 30 SEP 1992	0	0 0 0	0	0	0 0	0	0
B. END FY 1999	0	0 0 0	0	0	0 0	0	0
		7. INVENT	PORY DATA (\$	000)			
A. TOTAL ACREAGE.		0 AC					
		SEP 1992				0	
		INVENTORY,				0	
		THE FY 1994 PROGR				3,600	
		THE FY 1995 PROGRA				0	
		(NEW MISSION ONL)	•			0	
						24,700	
H. GRAND TOTAL						28,300	
8. PROJECTS REQUESTE	D IN THE FY	1994 PROGRAM:					
CATEGORY PROJECT					COST	DESIGN	
CODE NUMBER		PROJECT TITLE			(\$000)		COMPLETE
441 27533	Communicati	ions Maintenance Fa	cility		3,600	08/1992	09/1993
			TOTAL	ı	3,600		
9. FUTURE PROJECTS:							
CATEGORY					∞st		
CODE  A. INCLUDED IN T		PROJECT TITLE			(\$000)		
A. INCLUDED IN I	HE II 1995 I	ROGRAM: NONE					
B. PLANNED NEXT	FOUR PROGRAM	1 YEARS (NEW MISSIO	ON ONLY): N	IONE			
10			_				
<ol> <li>MISSION OR MAJOR Support of U.S.</li> </ol>		Worldwide.					
11. OUTSTANDING POLL	UTION AND S	AFETY DEPICIENCIES:					
					(\$	(000)	
A. AIR POLLUTION						0	
B. WATER POLLUTI	ON					0	
C. OCCUPATIONAL	SAFETY AND I	EALTH				0	

1.COMPONENT								2.DATE		
	FY 1	<u>994</u>	MILITARY	CONST	RUCTIO	N PRO	OJECT DATA			
ARMY								A:	PRIL 1993	
3.INSTALLATION AN		ION			4.PROJE	CT TI	rle		İ	
Classified Loc										
Overseas Vario							ions Maint			
5.PROGRAM ELEMENT		6.CATE	GORY CODE	7.PROJ	ECT NUME	CT NUMBER 8.PROJECT COST (\$000)				
		İ	<u> </u>				Auth	- •	600	
22696A		L	441	L	27533		Approp	3,	600	
			9.00	OST EST	IMATES	, ,				
		I	TEM			U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILI	TY								2,595	
Communication	Communications Maintenance Bldg							65.88	\-, ,	
Admin Facili	ity					SF	3,100	103.55	(321)	
Staging Area	1					SF	87,300		, ,	
Fuel Distrub	oition					GA	18,000		, ,	
Elevated Wat	er Ta	nk/Pui	np Station			GA	135,000	2.55	(344)	
SUPPORTING FAC		ES							610	
Electric Ser						LS			(94)	
Water, Sewei						LS			(58)	
Paving, Wal)			And Gutter			LS			(234)	
Site Imp(		•	)			LS			(220)	
Information	Syste	ms				LS			(4)	
ESTIMATED CONT	TRACT	COST							3,205	
CONTINGENCY PI	ERCENT	(5.	00%)						160	
SUBTOTAL						1			3,365	
SUPERVISION, 1	INSPEC	TION	& OVERHEAD	(6.5	0%)				219	
TOTAL REQUEST									3,584	
TOTAL REQUEST	(ROUN	DED)							3,600	
INSTALLED EQUI	I PMENT	-отне	R APPROPRIAT!	IONS					(0)	
10 December 14 Dec									3	

10.Description of Proposed Construction Construct a prepositioning storage site and an operational facility to include administrative space, maintenance space, open storage, a depot warehouse and perimeter fencing. This facility will be built in Southwest Asia (SWA) and will be used to forward preposition communications equipment. Operational equipment will be stored in the depot facility. Support equipment will be placed in open storage. Supporting facilities include utilities, electric service, fencing, parking, access road, septic tank, fire protection and alarm systems, information systems, and site improvements. The supporting utility costs are based upon using existing utilities and a 200-foot offset from the main. Heating and air conditioning (6 tons) will be provided by self-contained systems for administration and maintenance areas.

11. REQUIREMENT: 81,300 SF ADEQUATE: NONE SUBSTANDARD: NONE PROJECT: Construct a Communications Maintenance and Management facility to preposition communications equipment in support of Defense Communications System - Central Area (DCS-CA) and US Central Command (USCENTCOM) requirements in SWA. (Current Mission)

1.COMPONENT					2.DATE
	FY 1994	MILITARY CONSTR	UCTION PROJE	CT DATA	
ARMY	_				APRIL 1993
3. INSTALLATION AN	D LOCATION				
Classified Loc	ation, Overse	as Various			
4.PROJECT TITLE				5.PROJECT N	UMBER
Communications	Maintenance	Facility			27533
		is required to			
		order to meet the			
		onsibility (AOR)			
		almost a comple			
		extremely difficu			
		erations. The plan			
		(USCINCCENT) wi			
		onductivity from			
		efs of Staff (JC as intratheater			
		and component for			
		ed link in the n		AOR. This	actificy will
CURRENT SITUAT		ent delivery beg		This one	inmont is
		Signal Brigade.			
		so inadequate tha			
		ental United Sta			A
		amount of equip			
		ment is required			
		ble option to in:			
IMPACT IF NOT		f this project is			
will be requir	ed to transpo	ort CONUS-based co	ommunication	s equipme	ent to the
theater. This	is significar	t because there	are numerous	requiren	ments competing
for limited so	rties. Any de	lay in the arriv	al of the eq	uipment w	vill adversely
affect intrath	eater communi	cations capabili	ties and wil	l jeopard	lize
USCENTCOM's ab	ility to perf	orm its mission.			
		has been coordin			
		ired physical se			
		led. This project			
		Construction Crit			
		Army's Architec			
		ed 9 December 19			
		led in the Design			
		ible for Host Na			
		have been explo			
Inis project i	s the only te	asible option to	meet the re	equirement	
12. SUPPLEMEN	mar pama				
	TAL DATA: ated Design I				
	Status:	aca:			
(1)		tart Dato			AUC 1002
		Start Date Complete As Of 0			
		Complete As Of 0	-		
		Complete Date			
	,,				
(2)	Basis:				

L.COMPONENT				· · ·	2.DATE	
		FY 1994	MILITARY CONSTRUCTION P	ROJECT DATA		
ARMY					APR	IL 1993
3.INSTALLATION	AND LOC	ATION				
		_	•			
Classified :		on, Oversea	s Various	5. PROJECT	MINDED	
F.PROJECT TITE				3. PROJECT	NUMBER	
Communication	ons Mai	ntenance F	acility		27	533
-						
		DATA: (Con				
A. Es			ta: (Continued)	(WEG 010) N		
	(a) (b)		or Definitive Design - ign Was Most Recently U			
	(D)	where bes	igh was Most Recently o	seu		
(3	) Tota	ıl Design C	cost(c) = (a)+(b) OR(d)	l)+(e):	(\$	000)
•			n of Plans and Specific			
	(b)	All Other	Design Costs			80
	(C)		ign Cost			255
						20
	(e)	In-house.			· · · · · · —	235
(4	) Cons	struction S	tart		APR	1994
					month &	
other app	ropriat		d with this project whi		provided i cal Year	rom
Equipme			Procuring		ropriated	
Nomencl	ature		Appropriation	Or	Requested	(\$000)
			None			

# DEPARTMENT OF THE ARMY PISCAL YEAR 1994 MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND)				
	PROJECT	<del></del>	AUT	HORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
			_			_
Worldw	ide Various	Minor Construction (MINEXG)				315
	28464	Unspecified Minor Construction		12,000	12,000	317
		Subtotal For Minor Construction PART I	\$	12,000	12,000	
		Planning and Design (PLANDES)				319
	37156	Planning and Design		84,441	84,441	321
	37214	Host Nation Support		25,000	25,000	323
		Subtotal For Planning and Design PART I	\$	109,441	109,441	
		* TOTAL MCA POR Worldwide Various	\$	121,441	121,441	
•• TO	OTAL WORLDW	TIDE FOR MCA	\$	121,441	121,441	
MILIT	TARY CONSTR	UCTION (PART I) TOTAL	\$	776,642	776,642	

COMPONENT ARMY		FY 1994 MILIT	TARY CONSTRUCT	ION PROGRA	м	2. DA	TE RIL 1993
. INSTALLATION AND LO	CATION	4. COMM	AND				EA CONSTRUCTION ST INDEX
Minor Construction		Minor Cons	struction				
Worldwide Various							1.00
6. PERSONNEL STRENG			STUDENTS		SUPPORTED		
A. AS OF 30 SEP 199		IST CIVIL OFF	ricer enlist o	IVIL OFFI	CER ENLIST (	IVIL I	OTAL 0
B. END FY 1999	0	0 0	0 0	0	0 0	0	0
			VENTORY DATA	(\$000)			
A. TOTAL ACREAGE B. INVENTORY TOT		0 AC				0	
C. AUTHORIZATION						0	
D. AUTHORIZATION						12,000	
E. AUTHORIZATION						12,000	
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION	ONLY)			24,000	
G. REMAINING DEF	ICIENCY					0	
H. GRAND TOTAL						48,000	
8. PROJECTS REQUEST	ED IN ME ST	1004 ppocpass					
CATEGORY PROJECT		1994 PROGRAM:			COST	preto	STATUS
CODE NUMBER		ROJECT TITLE			(\$000)		COMPLETE
		Minor Constru	action		12,000	011411	<b>CAT 18.15</b>
			TOT	'AL	12,000		
9. FUTURE PROJECTS: CATEGORY CODE A. INCLUDED IN BBB	P THE FY 1995 P	ROJECT TITLE ROGRAM:	uction		COST (\$000)		
222	via position						
			TO	AL	12,000		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MI	ission only):	NONE			
10. MISSION OR MAJO	R FUNCTIONS:						
11. OUTSTANDING POL	LUTION AND SA	FETY DEFICIENC	CIES:				
A. AIR POLLUTIO	A1				(\$0	000)	
						0	
C. OCCUPATIONAL		EALTH				0	
B. WATER POLILII C. OCCUPATIONAL		EALTH				0	
DD 1 PORM 1390	PRE	VIOUS EDITIO	ONS MAY BE I		RNALLY		PAGE NO.

1.COMPONENT									2.DATE	
	FY 19	994	MILITARY	CONST	RUCTIO	N PR	OJI	CT DATA		
ARMY	<u> </u>								P	PRIL 1993
3.INSTALLATION AN		ION			4.PROJE	CT TI	TLE			
Minor Construc		170-14		_	,,,	_: =:	. ـ	w: o		
Minor Construction 5.program element			ORY CODE		ECT NUME		ea		onstruct	
J.FROOKALI BBBIIDNI		O. CHIDO	JON'T CODE	7.7.100	LCI NOIL	L		Auth		000
91211A			ввв		28464			Approp		000
712111				OST EST					12,	
		TT	EM			U/M		UANTITY	UNIT	COST
		11	. Bri			U/M	۱ ۲	CANTITI	COST	(\$000)
PRIMARY FACIL	ITY									12,000
Minor Const	ructio	n Unsp	ecified			LS				(12,000)
SUPPORTING FAC	CILITII	ES								
ESTIMATED CONT	TRACT (	COST				ĺ				12,000
CONTINGENCY PR	ERCENT	(.00	0%)							
SUBTOTAL										12,000
SUPERVISION, 1	INSPECT	s NOIT	OVERHEAD	(.00	0%)					
TOTAL REQUEST	/ DOI!!!									12,000
TOTAL REQUEST			ADDRODDTAM:	TONG						12,000
INSTALLED EQUI	I PIMEM I -	OINER	APPROPRIAT.	TONS						(0
10.Description of Prop a funded cost conversion of USC 2805. REQUIREMENT: for which the included in th CURRENT SITUM requirements v	of \$1, perman This need on the Miles of \$1, perman This need of the Miles of the Mi	500,0 nent o proje cannot litary In F qualif	00 or less, r temporary ct is requir reasonably Construction Y 92 the Arried for unsp	inclu facil red to be fo on, Ar my ide pecifi	ding c ities provi reseen my (MC ntifie ed fun	onst as a de f nor A) p d ov ding	or or or or or or or or or or or or or o	unspeciustified gram. \$25 mileder 10	lteration under Title fied properties in time lion in USC 2805	tle 10 Djects e to be urgent
urgent unfores										
environmental										
not wait for a										
expects to obl	ligate	the e	ntire FY 93	UMMCA	progr	am k	y 1	the clos	e of the	efiscal
year.	BB 011-					_		_		
IMPACT IF NOT			Historical				-			•
requirements										
will result in										
Army's ability	y co pe	FITOLM	TCS MISSIO	n Tn g	COUST	anci	.у (	-nanying	SUATION	iment.

1.COMPONENT				100		2. DATI	8
	FY 19 <u>94</u>	MILITARY (	CONSTRUCTION	PROJECT	DATA	1	
ARMY							APRIL 1993
3.INSTALLATION AN Minor Construc		ide Various	,				
4.PROJECT TITLE				5.	PROJECT	NUMBER	
Unspecified Mi	inor Construc	tion					28464

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS).

ARMY		FY 1994 MILITARY				2. D	PRIL 1993
INSTALLATION AN		4. COMMAND					REA CONSTRUCTION
Planning and De Worldwide Vario	-	Planning and	Design				1.00
6. PERSONNEL ST	RENGTH: PERM	NENT S	PUDENTS	St	PPORTED	-	
		IST CIVIL OFFICE					
<ul> <li>A. AS OF 30 SEP</li> <li>B. END FY 1999</li> </ul>	1992 0		0 0	0 0		0	0
A MONTAL ACTO	EAGE	7. INVEN	TORY DATA (\$0	000)			
		SEP 1992				0	
		NVENTORY				0	
		THE FY 1994 PROG				14,041	
		THE FY 1995 PROGRA				92,420	
		(NEW MISSION ONL				11,148	
		• • • • • • • • • • • • • • • • • • • •				0	
H. GRAND TOT	AL				3	17,609	
	UESTED IN THE FY	1994 PROGRAM:					
CATEGORY PRO					OST	DESIGN	STATUS
CODE NUM		ROJECT TITLE			000)	START	COMPLETE
	7214 Host Nation				25,000		
	7156 Planning an 0830 Strategic M	,			89,041		
	ooso Strategie ii	obility rab			0		
			TOTAL	1	14,041		
9. FUTURE PROJE	CTS:						
CATEGORY				(	OST		
CODE		ROJECT TITLE		( 9	(000		
	IN THE FY 1995 P						
000	Planning An	-			67,420		
000	Host Nation Strategic M				25,000		
000	Sciategie n	ODITICY FAD			U		
			TOTAL		92,420		
B. PLANNED	NEXT FOUR PROGRAM	YEARS (NEW MISSIO	ON ONLY): NO	NE			
10. MISSION OR I	MAJOR FUNCTIONS:						

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION	2. DATE		
ARMY			APRIL 1993	
INSTALLATION	AND LOCATION: Planning and Design	Worldwide Var	ious	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:			
		(\$000		
A. AIR POLLUTION			0	
B. WATER POLIUT			0	
C. OCCUPATIONAL	SAFETY AND HEALTH		0	

1.COMPONENT									2.DATE	
ARMY	FY 19	94	MILITAR	Y CONS	RUCTIO	ON PR	OJI	CT DATA		APRIL 1993
3.INSTALLATION AN	D LOCATIO	ON			4.PROJE	ECT TI	TLE			AFRIL 1993
Planning and I	esign									
Planning and D	esign,	Worldwi	ide Vario	ous	Plann	ning	and	l Design		
5. PROGRAM ELEMENT	6	. CATEGORY	CODE	7.PRO	ECT NUM				COST (\$	000)
								Auth	84	,441
91211A		000	)		37156	5		Approp	84	,441
			9.	COST ES	TIMATES					
		ITEM				U/M	Q	UANTITY	UNIT	COST (\$000)
PRIMARY FACILI	TY					+-	-			84,441
Planning and		n				LS				(84,441)
							1			, , , , , , , ,
							1			
GUIDDODMYNG EN	*******									
SUPPORTING FAC	TLITIES	5								
ESTIMATED CONT										84,441
CONTINGENCY PE	RCENT	(.000%)	1							
SUBTOTAL	MCDECTI		IDDUIDAD		.00					84,441
SUPERVISION, I TOTAL REQUEST	NSPECTI	LON & UV	ERHEAD	(.00	108)					84,441
TOTAL REQUEST	( ROUNDE	ED )								84,441
INSTALLED EQUI			PROPRIAT	TIONS						(0)
										\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
10.Description of Propo	sed Constru	uction	This ite	em prov	ides f	or a	dva	nce and	final	design of
construction p	rojects	s, for v	alue eng	gineeri	ng tec	hnic	a1	evaluat	ion stu	dies,
design of unsp				, and	for de	velo	pme	nt of s	tandard	s and
criteria for A	rmy fac	cilities	; .							
11. REQUIREME	2700	NONE	ADDOL	13.000	110					
			ADEQU n funds.		NO	NE	2	UBSTAND	ARD:	NONE
REQUIREMENT:	-	-			d for	the	des	ion and	engine	ering of
regular MCA, a										
value engineer										
functional lay										
Army's MCA bud										
defined scope	of a si	ingle co	nstructi	ion pro	ject.	Fund	s w	ill be	used by	the US
Army Corps of	Enginee	er (USAC	E) distr	cicts f	or in-	hous	e d	lesigns,		
Architect-Engi										
These funds ar										
reproduction a										
advancement to										
progression to	concep	ot desig	n (U-35	percer	t) of	proj	ect	s in th	e FY 19	96, and

1.COMPONENT	FY 1994	MILITARY CONSTRUCTION	DRO TINCE	Dama	2.DATE				
ARMY	F1 19 <u>94</u>	MILITARI CONSTRUCTION	PRODECI	DAIA	APRIL 1993				
3. INSTALLATION AND LOCATION									
Planning and D	esign, Worldw	vide Various							
4.PROJECT TITLE			5.	PROJECT	NUMBER				
			- 1						
Planning and I	Design				37156				

### REQUIREMENT: (CONTINUED)

for initiation of preconcept design activities for projects in FY 1997. The estimate for this multi-dimensional design effort is developed through a formula that reflects the various stages of engineering development for a project. The estimate incorporates management changes over the past five years regarding a shift in the A-E versus in-house design mix, and adjusts to the growing differential in the relationship between increases in salaries for professional services versus project construction costs. The estimate does not predict additional design expenses due to any adverse effects from changes made to the MILCON program and as such it has extremely limited capability to incorporate additional design requirements even at the fully funded level. The Total Quality Management methodology is used by USACE in the design, value engineering process, and construction of facilities. The criteria and standards development and update program, as well as the value engineering program are the means by which USACE assures that quality is built-in from the beginning of projects. These programs help designers produce excellent products and utilizes a feedback process where the designers are participants in maintaining excellent criteria and standards. The funds request for the annual planning and design requirement includes the costs to update standards and criteria, guide specifications, technical manuals, and continue the DA Facility Standardization Program. These standards and criteria are the primary vehicles for introducing new technology, new operational requirements, design lessons learned and federal mandates into new Army facilities.

1. COMPONENT								2.DATE	
1. COM ONDIVI	FY 1994 MILITARY CONSTRUCTION PROJECT DATA								
ARMY	ARMY								PRIL 1993
3. INSTALLATION AN									
Planning and D	esign								
Planning and Design, Worldwide Various Host Nation Support									
5. PROGRAM ELEMENT		6.CATE	GORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT	COST (\$0	00)
							Auth	25,	000
91211A			000	<u> </u>	37214		Approp	25,	000
	_		9.c	OST EST	IMATES			-	
		1	TEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY								25,000
Host Nation/	OTAN	Plan	& Design			LS			(25,000)
SUPPORTING FAC						25,000			
CONTINGENCY PE SUBTOTAL SUPERVISION, I TOTAL REQUEST TOTAL REQUEST	RCENT NSPEC (ROUN	(.0) TION	6 OVERHEAD	·	0%)				25,000 25,000 25,000
INSTALLED EQUI	PMENT	-OTHE	K APPROPRIATI	LONS					(0)

10.Description of Proposed Construction This item provides for criteria development, design surveillance, and construction surveillance for projects funded by NATO and foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.

This funding is required to represent US interests during the REQUIREMENT: planning, design, and construction of projects funded by foreign governments, when US Forces are the sole or primary users. Project surveillance and oversight are performed on NATO construction in Europe, and host nation funded construction in Korea and Japan. The Host Nation Planning and Design funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs in Korea and Japan are forecast to increase yearly, and now provide nearly all of the US facilities in these countries. The Army Corps of Engineers is responsible for providing the criteria, reviewing designs and monitoring the construction. The planning and design costs are approximately three percent of the construction placement. The three parts of the planning and design effort are: Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational,

1.COMPONENT						2.DATE
ARMY	FY 19 <u>94</u>	MILITAR	r Constru	CTION PROJE	ECT DATA	APRIL 1993
3.INSTALLATION AND	D LOCATION					
Dlameine and D	nadau Wauld					
Planning and D 4.PROJECT TITLE	esign, world	wide vali	ous		5.PROJECT	NUMBER
Host Nation Su	pport				<u> </u>	37214
REQUIREMENT:	(CONTINUED)					
functional and						
with criteria						
fire protection ensures confor			-			
construction p						
FY 94, the cor						
billion. The N			greatly	reduced by	recent e	vents, still
remains in fut	ure year pro	jections.				

April 1993

## ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES TABLE OF CONTENTS

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LEPARTMENT OF THE ARMY
PISCAL YEAR 1994
ARMY FRHILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE		INSTAL	LATION (COHHAND)			
_	PROJECT NUMBER	PROJEC	T TITLE		AUTHOR I ZATION REQUEST	APPROPRIATION REQUEST
California			rvin (FORSCOM)		ar ann	25.000
	28059	Pamily	Housing New Construction		25,000	25,000
	SUBT	OTAL FOR	t Irwin PART IIA	\$	25,000	25,000
	• то	TAL AFH	FOR California	\$	25,000	25,000
Hawali		Schofi	eld Barracks (USARPAC)			
	34872	Pamily	Housing New Construction		13,000	13,000
	37122	Family	Housing New Construction		39,000	39,000
	SUBT	OTAL Sch	ofield Barracks PART IIA	\$	52,000	52,000
	• 10	TAL AFH	FOR Hawaii	\$	52,000	52,000
Maryland		Fort M	eade (FORSCOM)			
	10127	Family	Housing Replacement Constructi	on	26,000	26,000
	SUBT	OTAL For	t Meade PART IIA	\$	26,000	26,000
	• то	TAL AFH	FOR Maryland	\$	26,000	26,000
New York		United	States Military Academy (USMA)			
	39483	Family	Housing Replacement Constructi	on	15,000	15,000
	SUBT	OTAL Uni	ted States Military Academy	\$	15,000	15,000
	• TO	TAL AFH	FOR New York	\$	15,000	15,000
North Caro	lina	Fort B	ragg (FORSCOM)			
	35561	Family	Housing Replacement Constructi	on	18,000	18,000
	SUBT	OTAL For	t Bragg PART IIA	\$	18,000	18,000
	• TO	TAL AFH	FOR North Carolina	\$	18,000	18,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1994
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(COLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE		INSTALLATION (COMMAND)		
	PROJECT	<del></del>	AUTHORIZATION AP	PROPRIATION
	NUMBER	PROJECT TITLE	REQUEST	REQUEST
		<del></del>		
Wisconsin		Fort McCoy (FORSCOM)		
	12382	Family Housing Replacement Construction	2,950	2,950
	SUBT	OTAL FORT McCoy PART IIA	\$ 2,950	2,950
	• то	TAL AFH FOR Wisconsin	\$ 2,950	2,950
** TO	OTAL INSID	E THE UNITED STATES FOR AFH	\$ 138,950	138,950
HILE	TARY CONST	RUCTION (PART IIA) TOTAL	\$ 138,950	138,950

# DEPARTMENT OF THE ARMY FISCAL YEAR 1994 ARMY FAMILY HOUSING POST ACQUISITION (PART IIB) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COPPLAND)		AUTHORIZATION A	PROPRIATION
_	NUMBER	PROJECT TITLE		REQUEST	REQUEST
Colorado	38475	Fort Carson (FORSCOM) Family Housing Improvements		5,900	5,900
	30473	raidly nothing introvenents			
	SUBT	OTAL Fort Carson PART IIB	\$	5,900	5,900
	• то	TAL AFH FOR Colorado	\$	5,900	5,900
Illinois		Savanna Army Depot (AMC)			
	28473	Family Housing Improvements		640	640
	SUBT	OTAL Savanna Army Depot PART IIB	\$	640	640
	• TO	TAL AFH FOR Illinois	\$	640	640
Kansas		Fort Leavenworth (TRADOC)			
	36580	Famuly Housing Improvements		20	20
	SUBT	OTAL Fort Leavenworth PART IIB	\$	20	20
	* TO	TAL AFH FOR Kansas	\$	20	20
Kentucky		Fort Campbell (FORSCOM)			
	17751	Family Housing Improvements		10,200	10,200
	SUBI	OTAL Fort Campbell PART IIB	5	10,200	10,200
	• TO	TAL AFH FOR Kentucky	\$	10,200	10,200
Maryland		Aberdeen Proving Ground (AMC)			
	5062	Family Housing Improvements		4,000	4,000
	5063	Family Housing Improvements		1,800	1,800
	17649	Family Housing Improvements		110	110
	39370	Family Housing Improvements		460	460
	SUBT	OTAL Aberdeen Proving Ground PART II	\$	6,370	6,370
	• TC	VEAL AFH FOR Maryland	\$	6,370	6,370

LEPARTMENT OF THE ARMY
FISCAL YEAR 1994
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

	PROJECT		AUTHORIZATION AP	DDODD TATTON
	NUMBER	PROJECT TITLE	REQUEST	REQUEST
New Mexico		White Sands Missile Range (AMC)		
	3943	Family Housing Improvements	3,300	3,300
	SUBT	OTAL White Sands Missile Range PART	\$ 3,300	3,300
	• 10	TAL AFH FOR New Mexico	\$ 3,300	3,300
New York		United States Military Academy (USMA)		
	17956	Family Housing Improvements	1,500	1,500
	31106	Family Housing Improvements	4,200	4,200
	SUBT	OTAL United States Military Academy	\$ 5,700	5,700
	• 10	TAL AFH FOR New York	\$ 5,700	5,700
Oklahoma		Fort Sill (TRADOC)		
	16305	Family Housing Improvements	8,600	8,600
	SUBT	DTAL Fort Sill PART IIB	\$ 8,600	8,600
	• TO	TAL AFH FOR Oklahoma	\$ 8,600	8,600
South Caro	lina	Fort Jackson (TRADOC)		
	40894	Family Housing Improvements	0	
	SUBT	DTAL Fort Jackson PART IIB	\$ 0	(
	• TO	TAL AFH FOR South Carolina	\$ 0	(
Virginia		Fort Lee (TRADOC)		
	17028	Family Housing Improvements	15,000	15,000
	SUBT	DTAL Fort Lee PAPT IIB	\$ 15,000	15,000
		Fort Monroe (TRADOC)		
	25517	Family Housing Improvements	11,800	11,800

LEPARTHENT OF THE ARMY
FISCAL YEAR 1994
ARMY PAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE		INSTALLATION (COMMAND)			
	PROJECT			AUTHORIZATION	APPROPRIATION
	NUMBER	PROJECT TITLE		REQUEST	REQUEST
	SUBT	OTAL Fort Monroe PART IIB	\$	11,800	11,800
	• то	TAL AFH FOR Virginia	\$	26,800	26,800
	TOTAL INSID	E THE UNITED STATES FOR AFH	ş	67,530	67,530
MII	LITARY CONST	RUCTION (PART IIB) TOTAL	\$	67,530	67,530

April 1993

### ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES SUMMARY

		( <b>\$</b> In	Thousands)	
FY	1994	Program	1	,343,886
FΥ	1993	Current E	st 1	,523,819

### Purpose and Scope

This program provides for the support of the worldwide family housing function within the Department of the  $\mbox{\it Army.}$ 

### Program Summary

Construction New Construction (Deficit Reduction) New Construction (Replacement) Post Acquisition Construction Planning and Design	\$ 56,000 82,950 67,530 11,805
Subtotal Construction	\$218, 285
Operations, Utilities, Maintenance, Leasing, Debt Reduction, Interest, Insurance Premiums	
Operations Utilities Maintenance Leasing Debt Reduction Interest Payments Servicemen's Mortgage Premiums	\$ 187,157 281,348 388,528 268,139 412 6
Subtotal O&M, L&D Reimbursable Program	1,125,601 18,000
Subtotal O&M, L&D, Reimbursable	1,143,601
Total Construction, O&M, L&D, Reimb Less Reimbursable Program	1,361,886 18,000
Budget Authority	1,343,886
Appropriation: Construction O&M, L&D	218,285 1,125,601
Total Appropriation	1,343,886

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### AUTHORIZATION AND APPROPRIATION LANGUAGE ARMY FAMILY HOUSING FY 1994

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$160,122,000] \$218,285,000, for Operation and Maintenance, and Debt Payment [\$1,363,697,000] \$1,125,601,000 in all [\$1,523,819,000] \$1,343,886,000. Provided, that the amount for construction shall remain available until [September 30, 1997] September 30, 1998.

Family Mousing Construction, Army Program and Financing (in Thousands of dollars) SUMMERRY

			SNISON	Guoget Fign (amounts for FAMITY HOUSING actions programmed)	amed)
ntific.	Identification code 21-7020-0-1-051	351	1992 actual	1993 est.	1994 881.
	Progrem by activities: Olrect program:			1 1 1 1 1 1 1 1 1 1 1	
01.0101	Curistruction of new housing	ðu]	92,493	58,582	138,950
01.0301	Planning and design		5,220	8.940	11.805
1016.10	Total direct program	-	172,693	160, 122	218,285
10.0001	lotal		172,693	160, 122	218,285
17.000.71	Financing: Recovery of prior year obligations	gations			
	Unobligated balance available, start of year: For completion of prior year budget plans	ole, start of year: wear budget plans			
	Reprograming from/to prior year budget plane Unchi igated belance transferred to other accounts Unchi igated belance evaliable, end of year:	or year budget plans brred to other accounts ble, end of year:	-7,988		
25.0001 U	For completion of prior year budget plans Unobiigeted belance expiring	veer budgst plans vg	4.269		
39.0001	Budget authority		166,320	160, 122	218,285
	other	iccounts (-)	167,220	160, 122	218,285
43.0001	43.0001 Appropriation (adjusted)	[	165,320	160,122	218,285
71.0001 0 72.4001 0 74.4001 0 77.0001 A	Relation of coligations to outlays: Obligations incurred. Obligated balance, start of year Obligated balance, and of year Adjustements in expired accounts (net)	itaya; year ean wuta (net)		f 1 1 1 1 1 1 1 1 1	
90.0001	Outlays (net)				

Family Housing Construction, Army
Program and Financing (in Thousands of dollars) SUMMARY
Cobjustions

Ident 1 f 14	_ '	1992 actual	1993 est.	1994 est.
ā	Program by activities;			
01.0101	Office program:	45.460	90.371	122 751
01.0201	Post-Acquisition Construction	24,694	143,629	56.69
01.0301	Planning and design	6, 190	13,539	12,005
1016.10	Total direct program	78.344		191,454
10.0001	Total	78.344	256, 539	191,454
17.0001	Financing: Recovery of prior year obligations	-920		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans	-124,288	-211,570	-116, 183
22.0001	Reprograming from/to prior year budget plans Unobligated balance transferred to other accounts	-3,654		
24.4002	uncoligated balanca avallable, end of year: For completion of prior year budget plans Uncolligated balanca expiring	211,570	115,153	141,964
39.0001	Budget authority	165,320	160, 122	218,285
1.0001	ther a	;	160, 122	218,285
13,0001	Appropriation (adjusted)	165,320	160,122	218.285
71.0001 74.4001 77.0001	Kelation of obligations to outlays: 1.000 Obligations incurred 12.4001 Obligated balance, start of year 14.4001 Adjustments in expired accounts (net) 17.0001 Adjustments in expired accounts 18.0001 Adjustments in waxpired accounts	78,344 89,306 -76,507 -95	78,344 256,536 89,306 76,507 -76,507 -236,214 -95	191,454 236,214 -247,052
90.0001	Outlays (net)	80, 128	96.632	180.616

family Housing Construction, Army
Object Classification (in Thousands of dollars) SUBMARY

	12.7/220-0-1-05	1692 8 (99)	1000	
Direct obt (partions			.195 661.	1894 est
121.001 Travel and transportation of persons 122.001 Transportation of things	ersons	622	623	8
123.301 Communications, utilities, and miscellaneous charges 124.001 Printing and reproduction	miscellaneous charges	74	73	8 18
125, 201 Other services		•	. 31	9
125.203 Contracts	indirect hire personnel	787	619	101
126.001 Supplies and materials		42,110	107, 142	109,084
132.001 Land and structures		34.634	104	134
199.00t Total Direct obligations				60,05
		78,344	256,539	191,454
999.901 Total obligations		78.344	256 539	

Family Housing Operations & Debt, Army Program and Financing (in Incusends of dollars)

dent 1f1	7025-0-1-051	1992 ACTUBI	1995 651.	1884 681.
4	Program by activities:			
	Ofrect program:	544 593	521.263	468,505
02.0101	Operating expenses	392 542	358,241	268, 139
02.0201	Leasing	448 653	484 016	388.528
02.0301	Maintenance of real property		9	1,7
02,0401	Interest payments			
02.9101	Total direct program	1,385,837	1,363,570	1, 125, 189
1010	erroad a describe a	13, 434	16,000	18,000
5				
10.0001	Total obligations	1,399,271	1,379,570	1, 143, 189
ш.	Financing: Offsetting collections from:		9	
1,0001	Federal funds(-)	166 17-	20	8
1.000 1.000 1.000	Trust funds(-) Non-Federal sources(-)	-11,037	-10,580	-12,800
22.0001	Unobligated balance transferred from other accounts (") Unobligated balance expiring	19,064		
1000.86	Budget suthority	1,360,502	1,363,570	1, 125, 189
10.0001	Budget authority: Appropriation Portion applied to debt reduction (-) Transferred to other secounts (-)	1,390,025 -125 -29,398	1,363,697	1, 125, 601
13.0001	Appropriation (adjusted)	1,360,502	1,363,570	1,125,189
71.0001	Relation of obligations to outlays: Obligations incurved Obligated balance, start of year	1,385,837 448,605	1,363,570 355,508 -375,216	1, 125, 189 375, 216 -341, 267
74.4001	Obligated balance, end of year Adjustments in expired accounts (net)	-19,142		
500	Detless (pet)	1,459,792	1,343,862	1,159,138

Family Housing Operations & Debt, Army Object Classification (in Thousands of dollars)

Direct obligations:  Personnal compensation: Full-time permanent Other than full-time permanent Other personnal compensation Total personnal compensation Personnal Benefits: Civilian personnol Remetits for former personnol Remetits for former personnol Remetits for former personnol	25,566 6,895		
er than full-till perhanant er personnel compensation otal personnel compensation nnel Benefits: Civilian personnel ite for former personnel	0.030	24,950	28,353
otal personnel compensation nnel Berefits; Civilian personnel its for former personnel in transportation of persons	2,012	1,591	2,060
its for former personal tits for former personal and transportation of personal	34.473	31,722	35,578
its for former personnel  and transportation of persons	8,565	7,516	8,980
1 and transportation of persons	92	96	191
	1,613	5.5	1.482
Transporterior of things Report Developts to others	358.783	377.899	275.518
Communications, utilities, and miscallaneous charges	317,220	326,684	297,046
Printing and reproduction	105	125	110
TION TO VICE BY THE PROPERTY OF THE PROPERTY O	350 35	24 864	23 623
	430 206	42B 207	275 299
	156,594	122,583	62.549
les and materials	13,403	12,730	16,441
ment	13,762	9,045	8,875
est and dividends	64	. 44	17
Direct obligations	1,385,837	1,363,570	1, 125, 189
sable obligations:			
payments to others	3,942	4,540	5,540
Adria Cons.	3.791	5.960	5.960
	4,937	4.500	5,500
ment	764	1,000	1.000
Reimbursabla obligations	13,434	16,000	18,000
obligations	1,399,271	1,379,570	1, 143, 189
	125.20   Contracts   Contrac	1400, 1500,	1306 166,594 166,594 167,694 176,294

April 1993

## ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES NEW CONSTRUCTION

(\$ In Thousands)
FY 1994 Program 138,950
FY 1993 Current Est 58,582

## Purpose and Scope

This program provides family housing at those installations where the local economy cannot provide adequate support and where additional housing is required to help satisfy a validated housing deficit. The program also provides for replacement of housing where it has been determined more economical to replace than to renovate. Included are site preparation, construction, and initial outfitting with fixtures and integral equipment of new family housing units, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

## **Program Summary**

Authorization is requested in FY 94 for:

- 1. Construction of 1,183 units of family housing.
- 2. Appropriation in the amount of \$138,950,000 to completely fund this construction.

A summary of the new construction funding program for FY 94 follows:

	Request	ted
	Number of	Amount
	<u>Units</u>	(\$000)
Deficit Reduction:		
Fort Irwin, CA	220	\$25,000
Schofield Barracks, HI	88	13,000
Schofield Barracks, HI	260	39,000
(deficit reduction AND rep	lacementfor	r each unit
demolished, approx two un	its will be	constructed)
Replacement:		
Fort Meade, MD	275	26,000
U.S. Military Academy, NY	100	15,000
Fort Bragg, NC	224	18,000
Fort McCoy, WI	16	2,950
Total	1,183	138,950
		DAGE NO. 13

1. COMPONENT ARMY		FY 1994 MILITARY COM	NSTRUCTION PRO	GRAM	2 DATE APRI	L 1993
3. INSTALLATION AND	D LOCATION	4. COMMAND	·			CONSTRUCTION INDEX
Fort Irwin California		US Army Forces Co	ommand			1.30
6. PERSONNEL STI	RENGTH: PERMAN	ENT STUDE	ents	SUPPORTED		
		ST CIVIL OFFICER EN			CIVIL TOT	AL
A. AS OF 30 SEP	1992 648 36	84 688 0	0 0	9 12	1295	6,336
B. END FY 1999	661 41	68 872 0	0 0	13 25	1862	7,601
		7. INVENTORY	DATA (\$000)			
A. TOTAL ACRE	AGE	636,182 AC				
B. INVENTORY	TOTAL AS OF 30 S	EP 1992		9	940,189	
		VENTORY			0	
		THE FY 1994 PROGRAM.			25,000	
		HE FY 1995 PROGRAM			12,600	
		(NEW MISSION ONLY)			0	
					0	
H. GRAND TOTA					977,789	
	ESTED IN THE FY 1	994 PROGRAM:				
CATEGORY PROJ	ECT			cost	DESIGN 5	ratus .
CODE NUMB		SJECT TITLE		(\$000)	START O	OMPLETE:
711 28	059 Family Housi	ng New Construction		25,000	TURNK	EΥ
			TOTAL	25. 440		
			IOIAL	25,000		
9. FUTURE PROJEC	TS:					
CATEGORY		ARCT TITLE		COST		
	IN THE FY 1995 PR			(\$000)		
711		ng Improvements		12,600		
722	raidly nodsi	ng Inprovalence		12,600		
			TOTAL	12,600		
8. PLANNED N	EXT FOUR PROGRAM	YEARS (NEW MISSION O	NLY): NONE			
10. MISSION OR M						
		raining Center (NTC)				
		ined arms field trai	-			
		ises and opposing fo				
		raining, doctrine an				
		enant, and training		munity		
authorr ror debe	inches, authorized	d civilians, and ret	irees.			

1. COMPONENT ARMY	FY 1994 MILITARY CONST	RUCTION PROGRAM	2. DATE APRIL 1993
INSTALLATIO	N AND LOCATION: Fort Irvin	California	
11. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES:		
A. AIR POLLUTIO		(\$000 1,02	
B. WATER POLLUT C. OCCUPATIONAL	fion L safety and health	4,02	8
			0
	••		
•			
			Î

1. COMPONENT								2. DATE	
ARMY	FY 19	94	MILITARY	CONST	RUCTIO	N PR	DJECT DATA	AI	PRIL 1993
3. INSTALLATION AND	D LOCATIO	N			4.PROJE	CT TI	LTE		
					D17				
Fort Irwin, Ca 5.PROGRAM ELEMENT			GORY CODE	Iz anaz	ECT NUME		sing New (	COST (\$00	
J. PROGRAM ELEMENT	l°	. CATE	GORT CODE	/ . PROJ	BCT NUME	ER	Auta	25,00	
88741A	- 1		711	28059 Approp				25,00	
00/418				OST EST			1	23,00	0.0
		. 1	TEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILI	TY				-				17,244
Family Housi		Con	struction			SF	248,300	66.80	
Passive Sola						FA	220	2,600	(572)
Building Inf	ormatio	on S	vstems			l LS	1		(86)
SUPPORTING FAC		<u>s</u>							5,000
Electric Ser						LS			(472)
Water, Sewer						LS			(919)
Paving, Walk		os A	na Gutters			LS	Street,		(1,850) (264)
Storm Draina Site Imp( 1,		/	)			LS			(1,495)
Site imp( 1,	493) 0	) Oms	,						(1,495)
ESTIMATED CONT	RACT CO	OST							22,244
CONTINGENCY PE	RCENT	(5.	00%)				i		1,112
SUBTOTAL						1			23,356
SUPERVISION, I	NSPECT	ION	& OVERHEAD	(6.0	0%)		i		1,401
TOTAL REQUEST									24,757
TOTAL REQUEST	( ROUND!	ED)					İ		25,000
INSTALLED EQUI	PMENT-	THE	R APPROPRIAT	IONS					(0)

10.Description of Proposed Construction Construct 220 two, three, and four bedroom junior and senior noncommissioned officer family dwelling units with garages. Construction will consist of variously configured mixed story units and/or single buildings. Dwelling units will be factory-built/manufactured houses and/or built on site with conventional type construction. The design will include wood frame construction, brick veneer, or stucco and prefinished siding. Heating and air conditioning will be provided. Site work includes grading, paving, walks, recreation facilities, desert landscaping, drainage, street lighting, and all utilities. Support facilities include water (with separate line for treated drinking water), sewer, gas and underground electrical distribution. Telephone and cable TV will be provided by the local telephone and cable TV companies. Passive solar and ground source heat pump energy conservation measures will be utilized where shown to be cost effective. Project provides range, refrigerator, washer and dryer connections, dishwasher, garbage disposal, hot water heater, hard wired and interconnected smoke detectors and interior telephone and TV outlets. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONE		-04			_	2.DATE
ARM	1	994 MILITARY	CONSTRUCT	ION PROJE	CT DATA	APRIL 199
. INSTALL	ATION AND LOCATION					
Fort Irw	in, California	L				
.PROJECT	TITLE				5.PROJECT	NUMBER
Family H	lousing New Cor	struction				28059
		D CONSTRUCTION:	(CONTIN	UED)	-	
			(CONTIN	UED) COST/	NO.	COST
DESCRIPT	TION OF PROPOSE	CD CONSTRUCTION:				
DESCRIPT	NO.	CD CONSTRUCTION:	PROJ	COST/ NET SF	UNITS	COST
DESCRIPT GRADE SNCO	NO.	CD CONSTRUCTION: NET AREA	PROJ FACTOR	COST/ NET SF 53.00	UNITS 20	COST (\$000)
DESCRIPT GRADE SNCO SNCO	NO.	CD CONSTRUCTION: NET AREA 1450	PROJ FACTOR 1.26 1.26	COST/ NET SF 53.00	UNITS 20 50	COST (\$000) 1,937 4,509
DESCRIPT GRADE SNCO SNCO JRNCO	NO.	CD CONSTRUCTION: NET AREA 1450 1350	PROJ FACTOR 1.26 1.26	COST/ NET SF 53.00 53.00	UNITS 20 50 120	COST (\$000) 1,937
DESCRIPT GRADE SNCO SNCO JRNCO JRNCO	NO.	NET AREA 1450 1350 950	PROJ FACTOR 1.26 1.26 1.26	COST/ NET SF 53.00 53.00 53.00 53.00	UNITS 20 50 120	COST (\$000) 1,937 4,509 7,614
	NO.	NET AREA 1450 1350 950 1200	PROJ FACTOR 1.26 1.26 1.26	COST/ NET SF 53.00 53.00 53.00 53.00	UNITS 20 50 120 18	COST (\$000) 1,937 4,509 7,614 1,443

PROJECT: Construct 220 junior and senior noncommissioned officer family housing dwelling units and support facilities. (Current Mission) REQUIREMENT: This project is required to provide permanent adequate on-post family housing facilities for military personnel and their families. CURRENT SITUATION: There are currently 1,636 family housing units and 78 trailer sites on Fort Irwin. The waiting time for on-post family housing averages 7 months. The lack of on-post housing has forced personnel to live in the only populated area available, Barstow, California. The housing at Barstow is not considered suitable due to the average commuting distance of 42 miles one way and almost one hour travel time. Because of the type of extensive training conducted at the National Training Center, soldiers frequently train around the clock for several days. This causes excessive fatigue, exposing soldiers to driving hazards not normally encountered at other installations. Many soldiers who live off post utilize good judgement and elect not to go home during training breaks because of their fatique. This limits the quality and quantity of time spent with the spouse and children causing psychological strain which adversely impacts the quality of Army life. IMPACT IF NOT PROVIDED:
If this project is not provided, newly restationed military personnel at Fort Irwin and their families will not have suitable housing available to them. The lack of suitable housing adversely impacts the quality of life of our soldiers and jeopardizes their effectiveness in carrying out their training mission.

ADDITIONAL: The Army Audit Agency has validated a housing deficit of more than 400 family quarters. New construction is the only alternative to reduce this deficit. This project has been coordinated with the Center's physical security plan, and no security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. Coordination with the local Department of Education indicated no additional facility requirements.

3 DOD COMPONENT	4. REPORTING INSTA	LLATION									
ARMY 5. DATA AS OF	Fort Irwin A06225			E LOCATION Fort Irwin CA 92310-	5000						
ANALYSIS		CUPPE	ENT			PROJECTED					
œ	OFFICER	E0 - E4	E3 - E1	TOTAL	OFFICER	E0 - E4	E3 - E1	TOTAL			
REQUIREMENTS AND ASSETS	*	(a)	(c)	14)	(4)		to)	(0)			
& TOTAL PERSONNEL STRENGTH	657	2,960	736	4,353	674	3,360	833	4,86			
7 PERMANENT PARTY PERSONNEL	657	2,960	736	4,353	674	3,360	833	4,86			
& GROSS FAMILY HOUSING REQUIREMENTS	433	1,825	140	2 398	426	2,028	155	2,60			
& TOTAL UNACCEPTABLY HOUSED (a+b+c)	76	416	130	622							
a. INVOLUNTARILY SEPARATED	0	0	0	0							
b. IN MILITARY HOUSING TO BE											
DISPOSED/FEPLACED	0	. 0	0	0	10						
c. UNACCEPTABLY HOUSED = IN COMMUNITY	76	416	130	622							
N COMPONIT	,,,	410	130	022							
10. VOLUNTARY SEPARATIONS	1	.25	4	30	1	28	4	3			
11 EFFECTIVE HOUSING REQUIREMENTS	432	1,800	136	2,368	425	2,000	151	2,57			
12 HOUSING ASSETS (a + b)	361	1,450	6	1,817	425	1,572	151	2,14			
& UNDER MILITARY CONTROL	306	1,330	0	1,636	370	1,452	145	1,96			
(1) Housed in Existing DOD					1						
Owned/Controlled	301	1,264	0	1,565	306	1,209	121	1,63			
(2) Under Contract / Approved					64	243	24	33			
(3) Vacant	5	40	0	45							
(4) Inactive	0	26	0	26							
b. PRIVATE HOUSING	55	120	6	181	55	120	6	18			
(1) Acceptably Housed	55	120	6	161							
(2) Acceptable Vacant Rental	0	0	o	0	loc.						
IS. EFFECTIVE HOUSING DEFICIT	71	350	130	551	0	428	0	42			
N. MOPOSED PROJECT					0	220	0	22			
15. REMARCS (Specify lam number)		-									

Line 14. The proposed project will construct 220 two, three and four bedroom dwelling units for junior and senior NCOs and increase the installation's inventory to 1,856 units. Army Audit Agency has validated a housing deficit of more than 400 family units.

Senior NCO 3 Bedroom 50 Units
Junior NCO 4 Bedroom 12 Units
Junior NCO 3 Bedroom 18 Units
Junior NCO 2 Bedroom 18 Units
Junior NCO 2 Bedroom 18 Units

COMPONENT ARMY	n	( 1994 MILI	TARY 00	NSTRUCTI	ON PROGR	'AM			DATE
Arti								1 '	APRIL 1993
INSTALLATION AND LO	CATION	4. cors	MAND					5. /	AREA CONSTRUCTION
									DOST INDEX
Schofield Barracks	ļ	US Army P	acific					1	
Hawaii	L								1.42
6. PERSONNEL STRENG	TH: PERMANEN	π	STUD	ENTS		SUPPORT	ED		
	OFFICER ENLIST	CIVIL OF	FICER E	NLIST CI	VIL OFF	ICER ENLIS	T CI	VIL	TOTAL
A. AS OF 30 SEP 1993			21	115	0	0	0	538	61,040
B. END FY 1999	7474 50886	819	24	75	0	0	0	538	59,816
		7. It	VENTOR'	C DATA (	\$000)				
A. TOTAL ACREAGE		4,089 AC							
B. INVENTORY TOTAL							31	4,889	
C. AUTHORIZATION								0	
D. AUTHORIZATION							5	2.000	
E. AUTHORIZATION							7	6,000	
F. PLANNED IN NEX								0	
G. REMAINING DEFI								0	
H. GRAND TOTAL							44	0,889	
8. PROJECTS REQUESTS									
CATEGORY PROJECT	D IN THE FF 199	4 PROGRAM:							
CODE NUMBER	ppo r					COST			N STATUS
		ECT TITLE				(\$000)	_		COMPLETE
	Family Housing					13,00			TRNKEY
711 37122	Famuly Housing	New Const.	ruction			39,00	0	T	RNKEY
				POTAL	,	52,00	0		
9. FUTURE PROJECTS:									
CATEGORY						C:ST			
CODE		ECT TITLE				(\$000)			
	THE FY 1995 PROG								
711	Family Housing					27.00			
711	Family Housing	New Constr	uction			49,00	0		
				TOTAL	,	76,00	0		
D. DIANATE	Prim pocinal :-								
B. PLANNED NEXT	FOLK PROGRAM YES	MRS (NEW MI	SSION C	NLT): N	ONE				
10. MISSION OR MAJOR	FUNCTIONS:								
The primary muss	ion of Schofield	d Barracks	is to s	ustain t	he read	iness			
status of the 25th I									
housing, and trainin	g facilities for	r troops as	a peac	etime di	vision s	station			
headquarters for the									
family housing sites	in Hawaii opera	ated by the	Oahu C	onsolida	ted Fami	ily			

1. COMPONENT	PY 1994 HILITARY CONSTRUCTION P	ROGRAM	2. DATE
ARMY			APRIL 1993
INSTALLATION A	NND LOCATION: Schofield Barracks	Hawaii	
		<del></del>	
10. MISSION OR MAJOR	FUNCTIONS: (CONTINUED)		
	charefore, block 6 above reflects total mili- sther than just that of Schofield Barracks.	tary	
11. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES:	(\$000	n
A. AIR POLLUTION		19,70	2
B. WAYTER POLLUTION C. OCCUPATIONAL S		66	

1.COMPONENT		201						2.DATE		
ARMY	FY 1	994	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	3	PRIL 1993	
3. INSTALLATION AND	LOCAT	ION			4.PROJE	CT TI	TLE		EKIL 1993	
Schofield Barr	acks,	Hawa	ii		Famil	v Ho	using New (	Construc	tion	
5. PROGRAM ELEMENT		6.CAT	EGORY CODE	7. PROJ	ECT NUME	mily Housing New Construction  NUMBER   8.PROJECT COST (\$000)				
				l			Auth	13,0	000	
88741A			711		34872		ybbrob	13,0		
			9.0	OST EST	IMATES					
			ITEM			υ/M	QUANTITY	UNIT	COST (\$000)	
PRIMARY FACILI	TY								9,157	
Family Housi	ng Un	its (	88)			SF	89,850	101.50		
Building Info	ormat:	ion S	ystems			LS			(37)	
SUPPORTING FAC	LITI	ES							2,552	
Electric Ser	vice					LS			(1,064)	
Water, Sewer	, & G	as				LS			(392)	
Paving, Walk	s, Cu	rbs &	Gutters			LS			(497)	
Storm Draina	,					LS			(200)	
Site Imp(			)			LS			(324)	
Information	Syster	ns				LS			(75)	
ESTIMATED CONTI	RACT (	COST							11,709	
CONTINGENCY PE	RCENT	(5.	00%)				1		585	
SUBTOTAL							1		12,294	
SUPERVISION, IN	SPECT	иог	& OVERHEAD	(6.5	0%)				799	
TOTAL REQUEST							- 1		13,093	
TOTAL REQUEST	•						1		13,000	
INSTALLED EQUII	PMENT-	OTHE	R APPROPRIATI	ONS					(0)	

10.Description of Proposed Construction Construct 88 two and three bedroom family housing units for junior enlisted personnel at Schofield Barracks. Construction will consist of variously configured units/apartments at up to 18 units per acre with off street/under structure parking, and will utilize turnkey design/construction procurement procedures. Dwellings will be factory built/manufactured and/or built on site with conventional type construction. The design will include wood frame construction, brick veneer, or stucco and prefinished siding. Site work includes grading, paving, walks, recreation facilities, landscaping, drainage, street lighting and all utilities. Project will provide range, refrigerator, washer, dryer, dishwasher, garbage disposal, hot water heater and hard wired, interconnected smoke detectors. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Central air conditioning will be installed where required due to lack of natural ventilation and/or high noise levels.

1.COMPONENT 2. DATE FY 1994 MILITARY CONSTRUCTION PROJECT DATA APRIL 1993 ARMY 3.INSTALLATION AND LOCATION Schofield Barracks, Hawaii 4.PROJECT TITLE 5. PROJECT NUMBER Family Housing New Construction 34872 DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) BED NET PROJECT \$/NSF NO. OF TOTAL GRADE RMS AREA FACTOR UNITS (\$000) 2 950 1.45 \$70.00\* 63 \$6,075 JRENL JRENL \$70.00\* 3 1200 1.45 25 \$3,045

\$ 9,120

\* Includes \$15.00/NSF for vehicle parking under the structure.

Construct 88 two and three bedroom units/apartments at Schofield Barracks for junior enlisted personnel. (Current Mission) REQUIREMENT: This project is required to reduce the existing housing shortage in the central Oahu area. Of the current island-wide long range deficit of 5088 units, more than 1800 housing units are required in central Oahu to support the 25th Infantry Division (Light) and other tenant or associate activities. Most of the deficit occurs in the junior enlisted grades. The addition of lower grade enlisted personnel has increased waiting times up to two years. This coupled with their low housing allowance subsistences, which are inadequate when competing for rentals in the local sector, impact families' quality of life and the service members' ability to perform their missions.

CURRENT SITUATION: The Oahu rental market is tight and costly. The 0.5 to 1.5 percent housing vacancy rate on Oahu is one of the lowest for any urban area in the nation. Honolulu's rental rate is the highest in the nation based on rates published by the Honolulu Star Bulletin in July 1992. The average monthly rental for a one bedroom rental unit is \$1015. Service members must pay 25 to 50 percent more than their housing allowance for their rent. At present there are 6006 existing units in Central Oahu at Schofield Barracks, Wheeler Army Air Field, Camp Stover, Helemano, and NCTAMS EASTPAC. Projects being implemented and programmed in FY 92 and FY 93 will reduce the 1800 unit deficit by approximately 560 units. Due to the limited availability of land, construction at higher than normal density per acre, including underground or basement level parking is being pursued. Sewage disposal can be accommodated at the Army owned treatment plant at Wheeler Army Airfield. A project to expand the treatment plant capacity to accommodate the units in this project is being programmed separately.

IMPACT IF NOT PROVIDED: If this project is not provided, the severe Oahu family housing shortages for all service members will continue. Service members and their families will continue to depend on the private sector to meet their housing needs. They will continue to compete with the local economy for scarce affordable rentals. Many families will be forced to live in low-quality housing, and their quality of life will be reduced. The poor quality of life for service members and their families will have an adverse affect on morale and combat readiness.

	FY 1994	MILITARY	CONSTRUCTION	PROJECT	DATA	]		
ARMY				11100201	D		APRIL 1	1993
3.INSTALLATION AN	D LOCATION							
Schofield Barr	acks, Hawaii							
4.PROJECT TITLE				5.P	ROJECT	NUMBER		
Family Housing	New Construc	tion					34872	

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. Coordination with the local Department of Education is being conducted to determine if additional school facilities are required.

1.COMPONENT

1. COMPONENT								2.DATE	
	FY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	١.,	PRIL 1993
ARMY	D 10015	TON			4. PROJE	CT TI	TT C	A	PKIL 1993
3.INSTALLATION AN	ID LOCKT	ION			1.PROJE	CI II	IDE		
Schofield Bar	racks,	Hawa	ii		Famil	у Но	using New (	Construct	tion
5.PROGRAM ELEMENT		6.CAT	GORY CODE	7.PROJ	ECT NUMB	ER	8. PROJECT	COST (\$00	0)
				1			Auth	39,0	00
88741A			711		37122		Approp	39,0	00
			9.0	OST EST	IMATES				
			TEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	ITY								26,668
Construct He	ousing	Unit	s (260)			SF	267,000	99.40	(26,540)
Building In:	format	ion S	ystems			LS			(128)
SUPPORTING FA	CILITI	ES							8,401
Electric Se						LS			(1,726)
Water, Sewe:	r, Gas					LS			(969)
Paving, Wall		rbs A	nd Gutters			LS			(1,526
Storm Drain	age					LS			(861
Site Imp(	991)	Demo(	2,052)			LS			(3,043)
Information	Syste	ms				LS			(276)
ESTIMATED CON	TRACT	COST							35,069
CONTINGENCY P			0.0% )						1,753
SUBTOTAL		, 5.	/						36,822
SUPERVISION,	INSPEC	TION	& OVERHEAD	(6.5	0%)				2,393
TOTAL REQUEST				,	,				39,215
TOTAL REQUEST	(ROUN	DED)							39,000
INSTALLED EQU			R APPROPRIAT	IONS					(0)

10.Description of Proposed Construction Construct 260 two and three bedroom junior noncommissioned officer family quarters and demolish 135 units which are uneconomical to revitalize (145,370 SF) at Schofield Barracks. Construction will consist of variously configured units/apartments at approximately 14 units per acre with off street/under structure parking, and will utilize turnkey design/construction procurement procedures. Dwelling units will be factory built houses or conventionally site built houses. The design will include wood frame construction, brick veneer, or stucco and prefinished siding. Supporting facilities include underground utilities, street lights, underground information systems, paving, walks, curbs and gutters, storm drainage, tot lots and landscaping. Project will provide kitchen range, refrigerator, washer, dryer, garbage disposal, hot water heater, dishwasher and hard wired, interconnected smoke detectors. At least five percent of the dwelling units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Central air conditioning will be installed where required due to lack of natural ventilation and/or high noise levels. Demolition will require disposal of asbestos and lead.base paint material.

DD , FORM , 1391

1.COMPON						2.D	ATE
		PY 19 <u>94</u>	MILITARY (	CONSTRUCTIO	N PROJEC	T DATA	
ARN							APRIL 1993
INSTAL	LATION AND LOCA	TION					
Schofie	eld Barracks	, Hawaii					
A.PROJEC	T TITLE				5	. PROJECT NUMBE	R
Family	Housing New	Construc	tion		1		37122
ESCRIP	TION OF PRO	POSED CON	STRUCTION:	(CONTINUE	D)		
	No of	Net	Project		No of	Total Co	st
Grade	Bedrooms	Area	Factor	\$/NSF	Units	(\$000)	
INCO	2	950	1.42	70.00*	180	16,998	
INCO	3	1,200	1.42	70.00*	80	9,542	
					260	26.540	

PROJECT: Construct 260 two and three bedroom junior noncommissioned officer

family quarters and demolish 135 units at Schofield Barracks. (Current

\* Includes \$15.00/NSF for underground/basement parking

REQUIREMENT: This project is required to replace existing family housing units that are uneconomical to revitalize and to reduce the housing shortage in the central Oahu area by increasing the density of units per acre. **CURRENT SITUATION:** The existing units do not meet acceptable standards of size, comfort and habitability. Constructed in 1964, the units are worn, deteriorated and contain asbestos and lead base paint. The living, dining, kitchen, bedrooms and bathroom areas require extensive repair and redesign. An additional bathroom is required and the electrical system needs to be upgraded. The incandescent lighting is poor and not energy efficient. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. Presently, the site has limited available parking spaces and carports. On-street parking is overcrowded making most streets accessible to one-way traffic only. The sewer lines are old and deteriorated, requiring replacement. In addition, the Oahu rental market is tight and costly, with one of the lowest vacancy rates in the nation. The resulting housing deficit, combined with the limited availability of land, requires construction of housing at higher than normal density per acre, including use of underground or basement level parking.

IMPACT IF NOT PROVIDED: If this project is not provided, energy and maintenance costs will increase, inadequate quarters will remain in use, efforts to reduce the existing housing deficit will be hindered, and the health, safety and quality of life of the occupants will be adversely affected

This project has been coordinated with the installation physical ADDITIONAL: security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. An economic analysis comparing replacement construction with other alternatives indicates the cost effectiveness of this project. On the basis of net present value, as

1.COMPONENT	FY 19 <u>94</u>	MILITARY	CONSTRUC	TION PROJI	ECT DATA	2.DATE
ARMY  3. INSTALLATION AN	D LOCATION				<del></del>	APRIL 1993
Schofield Barr	racks, Hawaii					
4.PROJECT TITLE					5.PROJECT	NUMBER
Family Housing	New Construc	tion				37122
ADDITIONAL:	(CONTINUED)					
	er the life of housing at him alternative.	gher dens Coordina	ity per a tion with	cre, was in the local	found to l L Departme	ent of

MILITARY FAMILY HOUS	ING JUSTIFIC		1 DATE OF REPOR	रा	1993	REPORT CONTROL S	YMBOL	
DOD COMPONENT	4 REPORTING INSTA	LLATION						
ARMY	a NAME			b LOCATION				
DATA AS OF	Consolidated	Housing Off	fice	Honolulu, Ha	waii			
	A15635	_		HI 96858-5	000 USA			
ANALYSIS		CUPRE	ет			PROJECTE	0	
OF.	OFFICER	E8 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
REQUIPEMENTS AND ASSETS	(m)	toi I	(c)	101	ree .		(at	fea
TOTAL PERSONNEL STRENGTH	7,774	38.786	13.138	59,698	7.498	38.212	12,749	58,45
PERMANENT PARTY PERSONNEL	7,753	38,674	13,135	59 562	7.482	38.139	12,747	58,36
		1						
GROSS FAMILY HOUSING REQUIREMENTS	4.902	23 696	2,117	30.715	4,707	23 670	2 095	30.47
TOTAL UNACCEPTABLY HOUSED IN+b+c	211	5.326	1,122	6,659				
4. INVOLUNTABILY SEPARATED	17	207	101	325				
b IN MILITARY HOUSING TO BE								
DISPOSED/PEPLACED	1	5	3	9				
c. UNACCEPTABLY HOUSED								
IN COMMUNITY	193	5.114	1.018	6 325				
IQ VOLUNTARY SEPARATIONS	70	331	213	614	70	331	213	61
		1						
I EFFECTIVE HOUSING REQUIREMENTS	4.832	23,365	1.904	30.101	4.637	23 339	1.882	29.85
		1				Ī		
2. HOUSING ASSETS (a + b)	6,514	18,670	816	26,000	4,306	20.513	1.482	26.30
IL UNDER MILITARY CONTROL	3,489	15,932	399	19.820	1.281	17.775	1.065	20.12
(1) Housed in Exetting DOD								
Owned/Controlled	3,391	15,296	365	19,052	1,281	17,484	1,065	19,83
(2) Under Contract / Approved				- 1	0	291	0	25
(3) Vacant	90	470	12	572				
	i							
(4) Inactive	8	166	22	196				
6 PRIVATE HOUSING	3,025	2,738	417	6,180	3,025	2,738	417	6,18
(1) Acceptably Housed	3,025	2,738	417	6,180				
		1						
(2) Acceptable Vacant Rental	0	0	0	0				
					i			
1 EFFECTIVE HOUSING DEFICIT	(1.682)	4.695	1.088	4.101	331	2 826	400	3.55
							11	
4 PROPOSED PROJECT					0	260	88	34
					23	4.652	413	5.08

Line 14. There are two proposed projects. The first project will construct 88 units at Schofield 8arracks consisting of two and three bedroom units in three story apartments for junior anlisted. The second project will demofish 135 units and construct 260 units consisting of two and three bedroom units in three story apartments for junior NCOs. There is a current deficit of 5.088 units, with more than 1,800 units required to support the 25th Infantry Division (Light). Projects being implemented and programmed for FY 92 and FY 93 will reduce the 1,800 unit deficit by approximately 560 units.

Junior Enlisted 2 Bedroom 63 Units Junior NCO 2 Bedroom 180 Units Junior Enlisted 3 Bedroom 25 Units Junior NCO 3 Bedroom 60 Units

DD Form 1523, NOV 90

PAGE NO. 34

Previous editions are obsolete

COMPONENT		FY 1994 MILITARY CO	NSTRUCTI	ON PROGR	AM		2. 0	
ARMY							A .	PRIL 1993
							1	REA CONSTRUCTION
INSTALLATION AND LO	ENTION	4. COMMAND						DOST INDEX
Fort Meade		US Army Forces (	comand				`	ASI INDEX
Maryland		US ALMY TOTOLS (	201111111111111111111111111111111111111					1.05
		l						
6. PERSONNEL STRENG	TH: PERMAN	ENT STU	ENTS		SUPPO	RTED		
	OFFICER ENLI	ST CIVIL OFFICER	NLIST CI	VIL OFF	ICER ENI	.IST	CIVIL	TOTAL
A. AS OF 30 SEP 199	2 798 13	95 3568 2	33	0 :	1011 3	976	22222	33,005
B. END FY 1999	1093 19	39 2497 111	217	150	837 3	1773	22103	32,720
	ALAS OF 30 S	7. INVENTOR 13,437 AC EP 1992						
		VENTORY					0	
	-	THE FY 1994 PROGRAM					26.000	
		HE FY 1995 PROGRAM. (NEW MISSION ONLY).					0	
		(NEW MISSION CREE)					0	
							•	
						/		
8. PROJECTS REQUESTS	ED IN THE FY 1	994 PROGRAM:						
CATEGORY PROJECT					COST	r	DESIG	N STATUS
CODE NUMBER	PR	OJECT TITLE			(\$000	)	START	COMPLETE
711 10127	Family Housi	ng Replacement Cons	struction		26,	000	T	RNKEY
			TOT	L	26,	.000		
9. FUTURE PROJECTS:								
CATEGORY					നട	•		
CODE	PR	OUDCT TITLE			(\$000	) )		
A. INCLUDED IN	THE FY 1995 PR	OGRAM: NONE			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION	ONLY):	NONE				
10. MISSION OR MAJOR	R FUNCTIONS:							
		n post troop units,	• • •	-				
First United States				-				
provide First United	-			serve co	mponents	;		
National Guard, and	•							
To provide Army fam.								
Washington, DC cons								
area, with strengths these sites with the			-			10		
housing assignment ;								
the option to live				-				
work.			.1-	- 0//-				
					•			

ARMY								APRIL 1993
INSTALLA	TION AND I	LOCATION: I	Port Meade	•		Mar	yland	
						_		
LO. MISSION OR M	AJOR FUNC	TIONS: (	. CONTINUE	20)				
ulit <b>ary p</b> opulat		Y 1992 (in		supported p				
		Enlisted				al Milita Enlisted	-	
Cameron Station		145	0	0	159			
	1,069	774 2,392		1,216		3,608		
ort McNair ort Myer	92	2,308	77 0	1	559			
-	74	2,308	0	0	92			
entagon ort Meade		5,381	2	22		2,096 5,403	6,033	
alter Reed AMC	1,227	1,593	3	49		1,642		
Otal Military	8,776	14,689	540	1,288	9,316	15,977	25,293	
tilitary populat		Y 1999 (in Wanent		upported p udent		al Milita	D/	
		Enlisted					-	
ameron Station		0	0	0	0	0	0	
ort Belvoir ort McNair		2,767 747	67	1,049	1,663 525	3,816 747		
ort mcMair ort Myer	458	2,319	0	0	92		1,272 2,411	
entagon		2,756	0	0		2,319		
		5,712			2,041	5,929	7,970	
Walter Reed AMC			3	28		1,520		
otal Military	8,364	15,793	539	1.294	8,903	17,087	25,990	
1. OUTSTANDING	POLLUTION	AND SAFET	Y DEFICIE	NCIES.			(\$000	0.
A. AIR POLLU	TION						2,9	
B. WATER POL							4,6	19
C. OCCUPATIO	NAL SAFET	Y AND HEAL	TH					0

1.COMPONENT							2.DATE	
	FY 1	9 <u>94</u> MIL	ITARY CON	STRUCTIO	N PR	OJECT DATA		
ARMY	L			-			A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION		4.PROJE				
					-	using Repla	acement	
Fort Meade, Ma				Const				
5.PROGRAM ELEMENT	r j	6.CATEGORY CODE	7.PR	OJECT NUME	BER	8.PROJECT	COST (\$00	
						Auth	26,0	
88741A		711		10127		ybbtob	26,0	00
			9.COST E	STIMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL						205 200	54.00	16,86
Replace 251					SF	286,800	54.06	, ,
Revitalize					EA	24	52,900	, ,
Building In:	format:	ion Systems			LS			(87
					1			
SUPPORTING FAC	CILITI	ES			-		-	6,900
Electric Se		<del></del>			LS			(72)
Water, Sewer					LS			(54)
		rbs And Gutte	are		LS			(92
Storm Drain		ibs Alla Gacci	e15		LS			(48:
	-	Demo( 3,005)			LS			(4,03
Information					LS			(19:
intolmation	Syste	us			LS			(1)
ESTIMATED CONCONTINGENCY POSSIBLE OF PROPERTY OF PROPERTY OF THE PROPERTY OF T	ERCENT INSPEC' (ROUN	(5.00%) FION & OVERH		. 00%)				23,76 1,18 24,95 1,49 26,45 26,00
10.Description of Propenties		******				alization		
quarters with								
are uneconomi								
from 3 bedroom								
work includes						-		-
of community								
expansion of								
ouilt or manu:								
The design wi								
prefinished s								- unu
refrigerator,								ected
smoke detecto:								
of the quarter								
or the quarter requirements o				asity mo	GIII	TDIE CO TC	COMMOGRAC	e the
reduttements (	or cue			IIni+		No	( < 0.00 )	
Grade Bee	drooms	Net Area	Project Factor	Unit Cost			(\$000) Total	
JRENL	2	950	1.02	53.00		72	3,698	

1.COMPONENT						2.DATE	
ARMY	P	Y 19 <u>94</u> MI	LITARY CON	STRUCTION F	ROJECT		APRIL 1993
.INSTALLATION A	AND LOCAT	TION					
Fort Meade, N	Marylan	d					
					-	PROJECT NUMBER	
4.PROJECT TITLE					15.	PROJECT NUMBER	
4.PROJECT TITLE					١٥.	PROJECT NUMBER	
	ng Repl	acement Con	struction		3.	PROJECT NUMBER	10127
Family Housin	ng Repl	acement Con	struction		5.	PROJECT NUMBER	10127
Family Housin				CONTINUED)	5.	PROJECT NUMBER	10127
Family Housin				CONTINUED) 53.00	155	10,055	10127
Family Housin	OF PROP	OSED CONSTR	UCTION: (				10127
Family Housin DESCRIPTION O	OF PROP	OSED CONSTR	UCTION: (	53.00	155	10,055	10127

Revitalization of the 24 duplex units includes redesigning living areas, kitchens, bathrooms, closets, mechanical rooms and interior storage within existing space. Replace flooring and underlayment, doors, windows, stairways, heating system with air conditioning, electric and plumbing systems, exterior steps, and complete painting. Asbestos and lead paint removal and abatement is required. Install new hot water heaters, dishwashers, garbage disposals, hard wired interconnected smoke detectors, wall and attic insulation and architectural window shutters. Support facility work includes site preparation, utilities with master meters, cable TV and telephone distribution, roads, walks, parking, tot lots, recreation center, athletic facilities, perimeter security fencing and landscaping. All units will include patios, carports with bulk storage, privacy screens and refuse container enclosures.

PROJECT: Whole neighborhood revitalization of 275 substandard junior enlisted family housing units by revitalizing 24 units and replacing 317 units with 251 units including neighborhood amenities, infrastructure and energy conservation. (Current Mission)

REQUIREMENT: This project is required to upgrade 774 substandard junior enlisted quarters (Phase II of III). These units were declared substandard in 1975 due to inadequate room size, high density of units per acre, and inadequate supporting infrastructure. This project will provide adequate family housing units for enlisted personnel assigned to Fort George G. Meade. CURRENT SITUATION: Enlisted personnel are occupying substandard housing units constructed during 1949 and 1950. These units fail to meet current space requirements, lack air conditioning which has been deferred since 1984 in anticipation of this project, contain outmoded installed equipment, require major functional improvements and do not provide an adequate standard of living and quality of life.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in substandard housing which will continue to deteriorate. This will adversely affect the health, safety and quality of life of these enlisted personnel and their families, with maintenance costs continuing to accelerate.

<u>ADDITIONAL</u>: The economic analysis shows improvement to cost 73% of replacement housing. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD 1 DEC 76 1391C

1.COMPONENT	T				2. DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT DATA	
ARMY					APRIL 1993
.INSTALLATION AN	ND LOCATION				
ort Meade, M	aryland				
PROJECT TITLE				5. PROJECT	NUMBER
amily Housin	g Replacement	Constructi	.on		10127
DDITIONAL:	(CONTINUED)				
anuary 1987,	as implement	ed by the A	rmy's Archi	tectural and En	ngineering
nstruction (	AEI), "Design	Criteria,	dated 9 Dec	cember 1991.	

MILITARY FAMILY HOUS	ING JUSTIFIC	ATION	1 DATE OF REPOR	मा	2 FISCAL YEAR	REPORT CONTROL S	YMBOL	
			93-01-22		1993			
DOD COMPONENT	4 REPORTING INSTA	LLATION						
ARMY	a NAME			b. LOCATION				
DATA AS OF	Army Housing	Communit	ty	Fort Meade				
	Washington, I	oc		Fort Meade,	MD 20755	-5115		
ANALYSIS		CLPPE	NT			PROJECTE	Ď	
OF .	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
REQUIREMENTS AND ASSETS	(4)	(b)	(c)	(4)	(0)	0	(g)	(%)
A TOTAL PERSONNEL STRENGTH	9,315	13,815	2,163	25,293	8,903	14,599	2,488	25,99
7 PERMANENT PARTY PERSONNEL	8,775	13,449	1,241	23,465	8,364	14,166	1,627	24,15
B. GROSS FAMILY HOUSING PEQUIPEMENT	7,038	9,684	566	17,288	6,726	10,101	734	17,56
B. TOTAL UNACCEPTABLY HOUSED (a+b+c	221	527	127	875				
	1		12.	1				
a INVOLUNTARILY SEPARATED	27	132	0	159	1			
b IN MILITARY HOUSING TO BE					į .			
DISPOSEDIFIEPLACED	0	99	94	193	1			
c UNACCEPTABLYHOUSED -					ŀ			
IN COMMUNITY	194	296	33	523				
10 VOLUNTARY SEPARATIONS	43	50	13	106	41	52	17	11
1 EFFECTIVE HOUSING REQUIREMENTS	6,995	9,634	553	17,182	6,685	10,049	717	17,45
2 HOUSING ASSETS (a + b)	6,842	9,424	426	16,692	6,685	9,581	426	16,69
a. UNDER MILITARY CONTROL	1,198	3,525	17	4 740	1,198	3.525	17	4.74
(1) Housed in Exeting DOD				,				
Owned/Controlled	1,130	3,109	17	4.256	1,198	3,525	17	4,74
(2) Under Contract / Approved	L							
	1							
(3) Vacant	48	149	0	197				
(4 hactive	20	267	0	287				
b. PRIVATE HOUSING	5,644	5,899	409	11,952	5,487	6,056	409	11,95
	5.644	5 899	409	11.952				
(1) Acceptably Housed	3,044	3,039	409	11,352				
12 Acceptable Vacant Rental				0				
in the same of the same				1				
3 EFFECTIVE HOUSING DEFICIT	153	210	127	490	0	468	291	75
4 PROPOSED PROJECT	I				0 1	275	0	27

<sup>15</sup> REMARKS (Specify term number)

The five Army installations located in the Weshington Metro erea provide the government living eccommodations for soldiers and their families easigned to the area. Housing allowences have not kept pace with the rising cost of living in the Metro area, consequently, enlisted soldiers find a majority of the To the wee. Housing allowences have not kept pace, with the rising cost of living in the Metro avea, consequently entisted soldiers tind a majority of the off-post housing priced beyond their ability to pay.

Line 14. This project is sized of Fort Meade. The project demolishes 31? substandard units and replaces them with 251 new units, and revitalizes 24 other units. There is a next reduction to the housing inventory at the Fort Meade site.

4. Bedroom. Enlisted. 24. Units.

2. Bedroom. Enlisted. 155. Units.

Un.i	STALLATION AND LO	1				APRIL 1993
Nev		CATION	4. COMMAND		···	5. AREA CONSTRUCTION COST INDEX
_	ited States Milit w York	ary Academy	United States Mil	itary Academy		1.13
	PERSONNEL STRENG	TH: PERMAN	ENT STUDE	·mc	STEPPORTED	
о.	PERSONNEL STREMG		ST CIVIL OFFICER EN		501101112	IVIL TOTAL
A.	AS OF 30 SEP 199	2 838 8	65 2407 0	4465 0	96 645	1470 10,786
В.	END FY 1999	819 7	05 2472 0	4258 0	89 549	2755 11,647
			7. INVENTORY	DATA (\$000)		
	A. TOTAL ACREAGE		29,511 AC			
	B. INVENTORY TOT	AL AS OF 30 S	EP 1992		1,7	15,641
			VENTORY			0
			THE FY 1994 PROGRAM.			20,700
			HE PY 1995 PROGRAM			14,200
			(NEW MISSION ONLY)			0
						2,700
	H. GRAND TOTAL				1,7	53,241
8.	PROJECTS REQUEST		994 PROGRAM:			
	CATEGORY PROJECT				COST	DESIGN STATUS
	CODE NUMBER		OJECT TITLE		(\$000)	START COMPLETE
		-	ng Improvements		1,500	
		-	ng Improvements		4,200	08/1992 04/1993
	711 39483	Family Housi	ng Replacement Const	ruction	15,000	TURNKEY
				TOTAL	20,700	
	FUTURE PROJECTS					
	CATEGORY				COST	
	CODE		OUECT TITLE		(\$800)	
	A. INCLUDED IN					
	711		ng Improvements		2,150	
	711	-	ng Improvements		3,350	
	711 711		ng Replacement Const ng Improvements	ruction	8,000 <b>700</b>	
	711	randly Houst	ng improvements		700	
				TOTAL	14,200	
	B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION O	NLY) · NONE		

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY	11 1227 Idliant Construction Program	APRIL 1993
PRV 11		V5.K1T 19.A.1
	t	
INSTALLATION	AND LOCATION: United States Military Academy New York	
	R FUNCTIONS: (CONTINUED)	*
	nager for Stewart Army Sub-Post, which is included for	
purposes of family	housing.	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	
		(000)
A. AIR POLLUTIO		315
B. WATER POLLUT	ION	777
	SAFETY AND HEALTH	0
		i

1.COMPONENT						2.DATE	
F	Y 1994 MILITAR	Y CONST	RUCTIO	N PRO	JECT DATA	1	
ARMY						Al	PRIL 1993
3. INSTALLATION AND LO	CATION		4 . PROJE				
			Famil	у Ног	ısing Repla	cement	
United States Mi	litary Academy, New		Const				
5. PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJ	ECT NUME	BER	8.PROJECT		•
					Auth	15,0	
88741A	711		39483		ybbiob	15,0	00
	9	.COST ES	TIMATES				
	ITEM			U/M	QUANTITY	UNIT	(\$000)
PRIMARY FACILITY							8,679
Family Housing				SF	138,400	57.77	(7,995)
Rock excavation	n			CY	6,000	88.49	(531)
Drainage Landi	ngs			LS			(123)
Information Sy	stems			FA	100	300.00	(30)
						ļ	
SUPPORTING FACIL	ITIES	<del></del>		$\vdash$			4,880
Electric Servi	ce			LS			(488)
Water, Sewer,	Gas			LS			(1,092)
Paving, Walks,	Curbs And Gutters			LS			(402)
Storm Drainage				LS			(236)
Site Imp( 1,52	0) Demo( 1,072)			LS			(2,592)
Information Sy	stems			LS			(70)
							Δ.
ESTIMATED CONTRA	CT COST			$\Box$			13,559
CONTINGENCY PERC	ENT (5.00%)						678
SUBTOTAL							14,237
SUPERVISION, INS	PECTION & OVERHEAD	(6.	00%)				854
TOTAL REQUEST							15,091
TOTAL REQUEST (R	OUNDED)			1			15,000
INSTALLED EQUIPM	ENT-OTHER APPROPRIA	ATIONS					(0)
				1			

Whole neighborhood revitalization by replacement 10 Description of Proposed Construction of 134 existing uneconomical to revitalize Wherry family housing units with 100 company grade and senior enlisted units to be constructed at a new site. Demolish 134 existing units (211,500 SF). Rock excavation and drainage landings for replacement housing are additional to the normal primary facility cost due to abnormal site conditions. Dwellings will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design will include wood frame construction, brick veneer or stucco and prefinished siding. Site improvements include a through access road, drainage, underground utilities (sized for future increments), sewage lift station, street lighting, traffic systems, neighborhood recreation, off-street parking, fencing and landscaping. At least five percent of the units will be accessible and easily modifiable to accommodate handicapped occupants. Quarters will be air-conditioned. Project will provide kitchen ranges, refrigerators, dishwashers, garbage disposals, hard wired interconnected smoke detectors, hot water heaters, washer and dryer connections, and wiring for information systems (telephone and TV). Exterior telephone and cable TV information systems will be provided by local telephone/TV companies.

COMPONENT						2.DAT	E
ARMY	PY	19 <u>94</u> MI	LITARY CONST	PRUCTION	PROJECT D	ATA	APRIL 1993
INSTALLAT	ON AND LOCATI	ON					
nited St	ates Milita	rv Academy	. New York				
PROJECT T			7		5. PRO	JECT NUMBER	
					1		
mily Ho	using Repla	cement Con	struction		ł		39483
mily Ho	using Repla	cement Con	struction				39483
				ONTINUED			39483
			Struction	ONTINUED	 L		39483
				ONTINUED	NO	(\$000)	39483
		SED CONSTR	UCTION: (CO	UNIT	NO	(\$000) TOTAL	39483
ESCRIPTI	ON OF PROPO	SED CONSTR	UCTION: (CO	UNIT COST	NO		39483
ESCRIPTI GRADE	ON OF PROPO	SED CONSTR NET AREA	PROJECT PACTOR	UNIT COST 53	NO UNITS	TOTAL	39483

PROJECT: Demolish 134 Wherry dwelling units and replace with 100 dwelling units for company grade officer and senior enlisted personnel. This is the first of a three phase program to replace 336 units which are uneconomical to revitalize. (Current Mission)

REQUIREMENT: This project is required to provide adequate, energy efficient family housing for personnel assigned to the staff and faculty of the U.S. Military Academy at West Point by eliminating inadequate existing housing which is in poor condition and uneconomical to revitalize.

CURRENT SITUATION: The units to be demolished have had only minor improvements since their original construction in 1954 and require major investments to allow continued use as family housing. Due to their age and present condition, maintenance and utility costs have been increasing annually, and have higher than the installation average operating and maintenance costs.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate, deplorable housing. Separation of mission assigned personnel from the duty station has and will continue to adversely affect Cadet instruction and training for a major segment of the West Point community. Current conditions will continue to cause command problems with respect to maintenance, community life issues and inconvenience to quarters occupants.

ADDITIONAL: The economic analysis shows improvement to cost 70% of replacement housing. This analysis supports replacement housing as more cost effective when compared over their useful life. USMA's current housing market analysis (SHMA) validates the lack of adequate housing on the economy. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991.

MILITARY FAMILY HOUS	ING JUSTIFIC		1 DATE OF REPOR	"	1993	REPORT CONTROL ST	MBUL	
1 DOD COMPONENT	4. REPORTING INSTA							
ARMY 5. DATA AS OF	L NAME USMA Military A36993	Reservation	1	West Point NY 10996-1	1082			,
ANALYSIS	A30930	CLERE	ď	147 10930-	1302	PROJECTE	0	
OF	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
REQUIREMENTS AND ASSETS	- 14	N.	jd	(4)	(4)	0	(g)	(h)
& TOTAL PERSONNEL STRENGTH	934	1,377	4.598	6,909	908	1,156	4,356	6,420
7 PERMANENT PARTY PERSONNEL	934	1,192	124	2.250	908	1,156	98	2,162
& GROSS FAMILY HOUSING REQUIREMENT	871	923	40	1,834	772	903	37	1,712
8 TOTAL UNACCEPTABLY HOUSED (#+6+6	0	211	38	249				
B. INVOLUNTARILY SEPARATED	0	0	0	0				
b IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	0	0				
E. UNACCEPTABLY HOUSED IN COMMAINTY	0	211	38	249				
W COMMONITY	-	-		243				
10. VOLUNTARY SEPARATIONS	18	8	0	26	13	- 4	0	17
11 EFFECTIVE HOUSING REQUIREMENTS	853	915	40	1,808	759	899	37	1,695
12. HOUSING ASSETS   + b)	910	760	2	1,672	759	892	21	1,672
& UNDER MILITARY CONTROL	845	701	0	1,546	681	846	19	1,546
(1) Housed in Existing DOD	788	645	0	1,433	681	846	19	1,546
Owned/Controlled	700	643		1,433	001	040	(3	1,540
2 Under Contract / Approved					0	0	0	0
(3) Vacant	33	45	0	78				
A  Inactive	24	11	0	35				
6 PRIVATE HOUSING	65	59	2	126	78	46	2	126
(t) Acceptably Housed	65	59	2	126				
(7) Acceptable Vacant Reptal	0	0	0	0				
12 EFFECTIVE HOUSING DEFICIT	(57)	155	38	136	0	7	16	23
14 PROPOSED PROJECT					34	66	0	100
15 PEMARKS (Specify term number)	_	_						100

Company Grade 4 Bedroom 34 Units

Senira NCO 3 Bedroom 66 Units

COMPONENT ARMY		FY 1994 MILITARY O	SONSTRUCTIO	N PROGRA	M		2. DATE APRIL 1993		
INSTALLATION AND LO	CATION	4. COMMAND						AREA CONSTRUCTION	
Fort Bragg North Carolina		US Army Forces	Command					0 80	
6. PERSONNEL STRENG	TH: PERMAI	NEWT STI	UDENTS		SUPPO	RTED			
0. 1200.120		IST CIVIL OFFICER		TL OFFI			IVIL	TOTAL	
A. AS OF 30 SEP 1992							1466	48,749	
8. END FY 1999	5261 34	316 5029 289	1325	0	250 1	271	1466	49,207	
			ORY DATA (\$	(000					
A. TOTAL ACREAGE B. INVENTORY TOTAL		129,431 AC SEP 1992				3.00	68.225		
		NVENTORY					0		
		THE FY 1994 PROGRA					18,000		
		THE FY 1995 PROGRAM					0		
		(NEW MISSION ONLY					0		
							86,225		
8 PROJECTS REQUESTS CATEGORY PROJECT	ED IN THE PY	1994 PROGRAM:			0051		DEST	GN STATUS	
CODE NUMBER	PI	ROJECT TITLE			(\$000			T COMPLETE	
	Family Hous	ing Replacement Con	nstruction		18,	000	Т	URNKEY	
			TOTAL		18,	000			
9. FUTURE PROJECTS: CATEGORY CODE A INCLUTED IN 1 B PLANNED NEXT	THE FY 1995 P	ROJECT TITLE ROJEAM NONE YEARS (NEW MISSIO	n only):	NONE	COST (\$000				
10. MISSION OR MAJOR			- 3	eronal 6	Cuarant				
units, provides sup		irborne Division a SA John F. Kennedy							
Assistance; XVIII C	orps Headquar	ters and miscellan	eous other	tenant					
activities.				•					
11. OUTSTANDING POL	LUTION AND SA	FETY DEFICIENCIES:							
A. AIR POLLUTIO	N						694		
B. WATER POLLUT							860		
C. OCCUPATIONAL		EALTH		•			0		

1.COMPONENT						_		2.DATE	
ARMY	FY 19	9 <u>94</u> MILI	TARY	CONST	RUCTIO	N PRO	OJECT DATA		PRIL 1993
3.INSTALLATION AND	LOCAT	ION			4.PROJE				
						-	using Repl	acement	
Fort Bragg, No 5.PROGRAM ELEMENT		6.CATEGORY CODE		7 0001	Const:			COST (\$00	0)
3.PROGRAM ELEMENT		6.CATEGORI CODE		7.PROJ	ECT NOMB	D.K.	Auth	18,0	-
88741A		711			35561		Approp	18,0	
-			9.C	ST EST					
		ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI	TY								11,223
Jr Enl Three						SF	268,800	41.55	
Building Inf	ormati	ion Systems				LS			(54
1									
SUPPORTING FAC		<u>ES</u>							4,863
Electric Ser						LS			(360 (450
Water, Sewer		rbs And Gutte				LS			(908
Storm Draina		DS ANG GULLE	:15			LS			(155
Site Imp( 1,	_	Demo( 1.680)				LS			(2,865
Information						LS			(125
	_1								
ESTIMATED CONT									16,086
CONTINGENCY PE	RCENT	(5.00%)							804 16,890
SUBTOTAL SUPERVISION, I	NCDEC.	BION COVERNIE		(6.0	09.1				1,013
TOTAL REQUEST	NSPEC.	I TON & OVERNE	AD	(0.0	00)				17,903
TOTAL REQUEST	( ROUNI	DED )							18,000
INSTALLED EQUI			RIATI	ONS					(0
								l	L
of 224 junior							alization ructed in		
not economical									
demolished and									
Buildings will									
and/or detache									
built or conve									
will include w									
siding. Suppor (telephone and									
facilities and									
garbage dispos									
smoke detector									
easily modifia							the handi	capped.	
Grade Bed	rooms	Net Area	Proj	ject tor	Unit Cost			(\$000) Total	
JRNCO	3	1200	0.78		53.00			11,169	
URINCO	,		0.76		33.00		***	11,107	
DD FORK 1391		PREVIOUS	EDITION	NS MAY	BE USED	INTER	NALLY	DAC.	E NO. 49

1.COMPONENT				2. DATE
	FY 19 <u>94</u>	MILITARY CONSTRUCT	ION PROJECT DATA	
ARMY				APRIL 1993
3. INSTALLATION AN	D LOCATION			
Fort Bragg, No	orth Carolina			
4.PROJECT TITLE			5.PROJECT	NUMBER
			1	
			1	
Family Housing	g Replacement	Construction		35561

Whole neighborhood revitalization by replacement of 224 junior enlisted family housing units in housing areas 14 and 15 to current construction standards including the supporting infrastructure and neighborhood amenities. (Current Mission) REQUIREMENT: This project is required to improve living conditions of junior enlisted Capehart family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability and safety. CURRENT SITUATION: These 224 dwelling units were constructed using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Capehart program. Vehicle parking is lacking for residents, and visitors park on the grass. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate the electronics that accompany today's typical family. The bathroom fixtures, plumbing, heating and air conditioning systems are deteriorated, require continual maintenance and repair, and need to be replaced. The two story units lack bathrooms on the first floor. Ceiling and wall insulation and thermal pane windows are required to improve energy efficiency. Roofs need to be replaced and the exterior finished with new siding. The overhead electrical wiring needs to be replaced with direct burial cable, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While these units are over thirty years old, they do not have the mature trees and landscaping associated with older neighborhoods. The units generally have a poor outside appearance and interior living environment.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families, with concurrent acceleration of maintenance costs.

ADDITIONAL: The economic analysis shows revitalization to cost more than 100% of replacement of existing housing. This analysis shows replacement of existing housing to be more cost effective than revitalization when compared over their useful life. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991.

			93-01-22		1993			
A DOD COMPONENT	4 REPORTING INSTA	LATION						
ARMY S DATA AS OF	Fort Bragg A37225			Fayetteville NC 28307 –	-5000			
ANALYSIS	NOTES.	CLARE	NT	110 20001	5000	PROJECTE	D	
OF	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
REQUIREMENTS AND ASSETS	(4)	(6)	(c)	(0)	(e)		(g)	(h)
6 TOTAL PERSONNEL STRENGTH	5,443	30,405	7,180	43,028	5,797	29,844	7,048	42,6
7 PERMANENT PARTY PERSONNEL	5,305	29,269	7,129	41,703	5,641	29,074	6,917	41,6
& GROSS FAMILY HOUSING REQUIREMENTS	3,796	17,996	1,300	23,092	4,036	17,876	1,261	23,17
& TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	1,174	33	1,207				
& INVOLUNTARILY SEPARATED	٥	121	23	144	l			
6 IN MILITARY HOUSING TO BE								
DISPOSED/PEPLACED	0	1	0	1				
c. UNACCEPTABLY HOUSED -	0	1,052	10	1.062				
IN COMMUNITY	- 0	1,032	10	1,062				
10 VOLUNTARY SEPARATIONS	289	1,646	175	2,110	307	1,636	170	2,1
11 EFFECTIVE HOUSING REQUIREMENTS	3,507	16,350	1,125	20,982	3,729	16,240	1,091	21,0
12 HOUSING ASSETS (a + b)	3,759	15,384	1,102	20,245	3,729	15,509	1,091	20,3
a. UNDER MILITARY CONTROL	988	3,549	306	4,843	987	3,799	303	5,0
(1) Housed in Existing DOD Owned/Controlled	946	3,341	296	4,583	987	3,686	166	4,8
(2) Under Contract / Approved					0	113	137	2
(3) Vacant	38	167	10	215				
(4) inactive	4	41	0	45		,		
b PRIVATE HOUSING	2,771	11,835	796	15,402	2,742	11,710	788	15,2
(1) Acceptably Housed	2,771	11,835	796	15,402				
(2) Acceptable Vacant Rental	0	. 0	0	0				
11 EFFECTIVE HOUSING DEFICIT	(252)	966	23	737	0	731		7
14 PROPOSED PROJECT					٥	224	0	2

15. REMARKS (Specify rem number)

Line 12b. Suitable community housing of the type needed is in short supply. The greatest need is affordable housing for lower enlisted grades. Although over 400 community housing units are available, almost all are priced beyond the reach of this group.

Line 14. The proposed project consists of revitalizing 224 three bedroom dwelfing units by replacement for junior enlisted personnel in housing ereas 14 and 15 that are uneconomical to revitaliza. There will be no not change to the inventory as a result of this project.

DD Form 1523, NOV 90

Previous editions are obsolete

ARMY		FY 1994 MILITARY CO	NSTRUCTION PROC	FRAM		2. DAY	RIL 1993
. INSTALLATION AND I	OCATION	4. COMMAND					EA CONSTRUCTION ST INDEX
Fort McCoy Wisconsin		US Army Forces Co	ommand				1.08
WISCONSTILL						Щ.	
6. PERSONNEL STREET					ORTED		
A. AS OF 30 SEP 19		IST CIVIL OFFICER E 108 969 72	NLIST CIVIL OF	FFICER EN	LIST CI	VIL TO 435	2,180
B. END PY 1999	16	62 1456 116	220 132	42	85	435	2,564
A. TOTAL ACREAG	-	7. INVENTOR 60,279 AC	Y DATA (\$000)				
		SEP 1992			. 89	3,203	
		NVENTORY				0	
D. AUTHORIZATIO	N REQUESTED IN	THE PY 1994 PROGRAM				2,950	
E. AUTHORIZATIO	N INCLUDED IN	THE FY 1995 PROGRAM.				0	
F. PLANNED IN	EXT FOUR YEARS	(NEW MISSION ONLY).				0	
G. REMAINING DE	FICIENCY					0	
H. GRAND TOTAL					. 8	96,153	
8. PROJECTS REQUES	TED IN THE FY	1994 PROGRAM:					
CATEGORY PROJEC				ಯಽ	T	DESIGN	STATUS
CODE NUMBER		PROJECT TITLE		(\$00	0)	START	COMPLETE
711 1238	32 Family Hous	sing Replacement Cons	truction	2	,950		
			TOTAL	2	,950		
			TOTAL	2	,930		
9. FUTURE PROJECTS	5:				_		
CATEGORY				os			
CODE		PROJECT TITLE		(\$00	0)		
A. INCLUDED IN	1 THE FY 1995 I	ROGPAM: NONE					
B. PLANNED NE	TI FOUR PROGRAM	YEARS (NEW MISSION	ONLY): NONE				
10. MISSION OR MA		s to serve as a major	support some	nd for			
		ivities in a six sta					
		lities and training o			e		
		ling maintenance for					
		mobilization instal					
		of tenants and user					
11. OUTSTANDING PO	DLLUTION AND SE	AFETY DEFICIENCIES					
					(\$0	00)	
A. AIR POLLUT	ION					0	
D FORM 1300	PRI	EVIOUS EDITIONS MA	Y BE USED IN	TERNALL	Y		PAGE NO.

1 (	COMPONENT	PY 1994 MILITARY CONSTRUCTION P	ROGRAM	2. DATE
	ARMY	1		APRIL 1993
•	arun I			12.112 1377
_		l		
	INSTALLATION	AND LOCATION: Fort McCoy	Wisconsin	
				1
				· .
,	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES: (CONTINUED	))	
			(\$00	),
	B. WATER POLLUT	TON	(1	0
				0
	C. OCCUPATIONAL	SAFETY AND HEALTH		·
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1.COMPONENT							2. DATE	
	FY 19	94 MILITAR	Y CONST	RUCTIO	N PR	OJECT DATA		
ARMY							AI	PRIL 1993
3. INSTALLATION	AND LOCATI	ON		4 . PROJE	CT TI	TLE		
						using Repla	acement	
Fort McCoy,				Const				
5.PROGRAM ELEME	NT 6	.CATEGORY CODE	7.PROJ	ECT NUM	BER	8.PROJECT	COST (\$00	0)
						Auth	2,9	50
88741A		711		12382	!	Approp	2,9	50
		9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACI	LITY							1,427
Family Hous	sing 16	Units			SF	23,525	60.45	(1,422)
Building I	nformati	on Systems			LS			(5)
SUPPORTING FA		<u>S</u>						1,217
Electric Se					LS			(200)
Water, Sewe					LS		~-	(407)
		bs & Gutters			LS			(129)
Storm Drain					LS			(22)
Site Imp(	280) D	emo( 179)			LS			(459)
ESTIMATED CON	NTRACT CO	OST						2,644
CONTINGENCY F	PERCENT	(5.00%)						132
SUBTOTAL						-		2,776
		ON & OVERHEAD	(6.0	0%)				167
TOTAL REQUEST	r							2,943
TOTAL REQUEST								2,950
INSTALLED EQU	UIPMENT-	THER APPROPRIAT	CIONS					(0)
10 December 4 Dec								

10.Description of Proposed Construction Whole neighborhood revitalization by replacement of 16 existing substandard family housing units with 16 three, four and five bedroom officer and senior noncommissioned officer family dwelling units with garages and demolish 16 substandard quarters with garages (31,131 square feet). Construction will consist of variously configured multi-units and single buildings. Dwelling units will be factory built or manufactured houses and/or conventionally constructed on site. The dwelling units will be heated and air conditioned with natural gas furnaces. The design will include wood frame construction, brick veneer or stucco and prefinished siding. Project will provide appliances, laundry hook-up and wiring for information systems (telephone and TV). At least five percent of the dwelling units will be constructed such that they may be easily modified to accommodate handicapped occupants. Supporting facilities include grading, paving, curb and gutter, sidewalks, driveways, recreational facilities, tot lots, landscaping, storm drainage, sewage lift station, street lighting and utilities. The site and common use facilities will be accessible to the physically handicapped.

1.COMPONENT	FY 1994	MILITARY CONSTRUCTION	PROJECT	DATA	2.DATE
ARMY	l				APRIL 1993
3. INSTALLATION AN	ID LOCKETON				
3. INSINCERLION AL	ID DOCKLION				
3. INSTALLATION AF	D LOCKTION				
Fort McCoy, Wi					

## DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Family Housing Replacement Construction

	NUMBER	NET	PROJ		NUMBER	TOTAL
GRADE	BEDROOM	AREA	FACTOR	\$/NSF	UNITS	COST (\$000)
со	4	1870	1.14	53.00	1	113
FGO	3	1400	1.14	53.00	3	254
FGO	4	1550	1.14	53.00	3	281
CGO	4	1450	1.14	53.00	3	263
CGO	3	1350	1.14	53.00	3	245
SEN NCO	5	1705	1.14	53.00	1	103
SEN NCO	3	1350	1.14	53.00	2	163
					16	1.422

PROJECT: Whole neighborhood revitalization by replacement of 16 substandard officer and senior noncommissioned officer family dwelling units to current construction standards including the supporting infrastructure, energy conservation and neighborhood amenities. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide adequate family housing facilities for military personnel of Fort McCoy and their families. Adequate permanent facilities do not exist on post.

All 16 existing on post family quarters are substandard, CURRENT SITUATION: none of which were originally designed as family housing. Approximately 40 years old, these structures were converted from other uses to family housing. They contain asbestos, lead base paint and are costly to operate and maintain. The existing community housing inventory and its rate of expansion are minimally adequate to support the needs of the local population, but not to support the housing needs of Fort McCoy's military population. A 31 December 1989 Segmented Housing Market Analysis identified a housing shortage. The local housing industry is not capable of building enough new units to meet the housing needs of Ft. McCoy even in an extremely strong rental housing market, much less in the current rental housing market. This exacerbates the already severe housing shortage for Fort McCoy personnel. Median household income is 85 percent of the national average with dispersion skewed toward low income. This income distribution places a severe demand on reasonably priced housing, most of which are for sale as owner occupied units. Vacancy rates of less than .3 percent cause military personnel to pay higher prices for smaller, lower quality housing with longer commute distances.

IMPACT IF NOT PROVIDED: If this project is not provided, adequate housing will not be available, high maintenance and energy costs will continue to accelerate, and the health, safety and quality of life of the occupants will continue to be adversely affected.

ADDITIONAL: This project has been coordinated with the installation physical

12382

1.COMPONENT					2.DATE
ARMY	FY 19 <u>94</u>	MILITARY CONST	RUCTION PROJE	CT DATA	
3. INSTALLATION A	ND LOCATION				APRIL 1993
Fort McCoy, W	isconsin				
4.PROJECT TITLE				5.PROJECT N	UMBER
Family Housin	g Replacement	Construction			12382
		00.10022002011			12302
ADDITIONAL:	(CONTINUED)				
security plan	, and no phys	ical security an s project compli	d/or combatti	ng terro	rism (CBT/T)
criteria of D	OD 4270.1-M,	Construction Cr	es with the s iteria." that	were in	effect 1
January 1987,	as implement	ed by the Army's	Architectura	l and End	ineering
Instruction (	AEI), "Design	Criteria," date	d 9 December	1991.	-

MILITARY FAMILY HOUSE	ING 30311110		93-01-22		1993	REPORT CONTROL S	MAGCE	
A DOD COMPONENT	A REPORTING INSTAL		30-01-22		1350	-		
ARMY	a NAME			b. LOCATION				
DATA AS OF	Fort McCoy			Sparta				
	A55425			WI 54656-	5000			
ANALYSIS		CUPRE	ENT			PROJECTE	:0	
OF .	OFFICER	E0 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
PROUPENENTS AND ASSETS	N	(0)	, kd	(d)			(gt)	M
A TOTAL PERSONNEL STRENGTH	152	489	49	690	173	334	14	52
PERMANENT PARTY PERSONNEL	82	198	9	289	60	140	6	2
E BROSS FAMILY HOUSING REQUIREMENTS	72	168	3	243	53	120	2	17
TOTAL UNACCEPTABLY HOUSED (s+6+c)	21	41	3	65				
& INVOLUNTARILY SEPARATED	3	6	0	9	i			
9 TH MILITARY HOUSING TO BE DISPOSED/PEPLACED	2	10	1	13	i			
DISPOSED/PEPLACED  E. UNACCEPTABLY HOUSED -	<del>                                     </del>		<del></del>	- "				
IN COMMUNITY	16	25	2	43	<u> </u>			
10. VOLUNTARY SEPARATIONS	2	14	0	16	1	9	. 0	
11 EFFETTIWE HOUSING REQUIREMENTS	70	154	3	227	52	111	2	1
12 HOUSING ASSETS (a + b)	49	118	1	168	34	. 71	o	1
a. UNDER MILITARY CONTROL	25	55	0	80	25	55	0	
(1) Housed in Existing OCIO				1		1		
Owned/Controlled	25	55	0	80	25	55	0	
(2) Under Contract / Approved								
(3) Vacant	0	0	0	0				
(4) Inactive	0	0						
b PRIVATE HOUSING	24	63	1		9	16	0	
b PRIVATE HOUSING	67	- 00	<del></del>	~		10,		
(1) Acceptably Housed	24	58	0	82	1			
<ul> <li>Acceptable Vacant Rental</li> </ul>	0	5	1	6		,		
13 EFFECTIVE HOUSING DEFICIT	21	36	2	59	18	40	2	
14 PROPOSED PROJECT					13	3	o	
15 REMARKS (Specify term number)								_

Line 12b. Currently Fort McCoy does not have any edequate housing on -post. There are 128 families on the warting list. This situation has placed e strain on military readinass of the installation. The commander must have his key and essential personnel ready at hand during any military emergency or national crises. The housing in the community is scarce and is not affordable for jurior military personnel.

Une 14. This project demolishes 16 substandard units and replaces them with 16 new units.

DD Form 1523, NOV 90

Previous editions are obsolete

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES POST ACQUISITION CONSTRUCTION

(\$ In Thousands)
FY 1994 Program 67,530
FY 1993 Current Est 92,600

#### Purpose and Scope

The Army operates and maintains an inventory of over 145,000 family housing units. The average age of these units exceeds 30 years. Many of these units require major expenditures for improvements or revitalization to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post Acquisition program provides this needed revitalization. The proposed work will increase the useful life of our investment by 35 years and concurrently accomplish delayed/deferred maintenance and repairs.

The Army is continuing to place major emphasis on the "whole neighborhood" revitalization concept which considers the requirement of the total neighborhood including the dwelling units, supporting utilities, energy conservation, roads, playgrounds, and community facilities. This will eliminate much of the existing stereotype construction, upgrade quarters to more livable condition, and provide functional units in more attractive housing areas. Economic analyses have been used to determine whether revitalization or replacement housing is the wiser long-term investment. We have eliminated overseas post acquisition construction projects from this submittal due to the uncertainties involved in overseas basing, especially in Europe. We are not neglecting our overseas locations; however we are budgeting only maintenance and repair requirements essential to restoring badly deteriorated facilities.

#### Program Summary

Authorization is requested for appropriation for whole neighborhood revitalization and improvements of 1,125 units as follows:

- a. Projects to exceed the \$50,000 per dwelling unit (adjusted by the area construction factor) statutory funding limitation to perform:
- (1) Whole neighborhood revitalization of 83 units at Fort Carson,  $\operatorname{CO}$ .
- (2) Whole neighborhood revitalization of 7 units at Savanna Army Depot, IL.

- (3) Revitalization of one historic General Officer quarters by installing central airconditioning, replacing the heating system and repairing interior at Fort Leavenworth, KS.
- (4) Whole neighborhood revitalization of 154 units at Fort Campbell, KY.
- (5) Whole neighborhood revitalization of 7 units, including two General Officer quarters, and revitalization of 5 units at Aberdeen Proving Ground, MD.
- $\mbox{(6)}$  Whole neighborhood revitalization of 50 units at White Sands Missile Range, NM.
- (7) Whole neighborhood revitalization of 58 units at the United States Military Academy, NY.
- (8) Whole neighborhood revitalization of 270 units at Fort Lee,  ${\tt VA.}$
- (9) Whole neighborhood revitalization of 73 historic units, including 3 General Officer quarters, at Fort Monroe, VA.
- b. Various improvements to existing family quarters with costs less than the statutory funding limitation.

Authorization is requested to exceed the maximum net square footage (NSF) limitation as set forth in Section 2826, Title 10, United States Code, for two General Officer quarters at Fort Jackson, SC. The project (enclosing atriums) would increase the quarters by 77 and 98 NSF. Funding will be from proceeds obtained through an approved land sale to a private developer.

# Funding Summary

Regular
Improvements
Program
(\$000)
\$67,530

Requested
Authorization
Amount
(\$000)
\$67,530

1. COMPONENT									2.DATE	
	FY 1	994	MILITAR	Y CONST	RUCTIO	N PR	OJE	T DATA		
ARMY									A	PRIL 1993?
3 INSTALLATION AND LOCATION 4. PROJECT TITLE										
Various Locations - Continental Army Family Ho										
and Overseas				-1-					nstructi	
5. PROGRAM ELEMENT		6.CATE	GORY CODE	7. PROJ	ECT NUME	ER	- 1		COST (\$00	
007401		_,					- 1	eprop pprop		,530
88742A		/.	11	COST EST				PPTOP	67	,530
<del></del>				.COST ESI	IMAIES					
		I	TEM			U/M	QU	ANTITY	UNIT COST	COST (\$000)
Post Acquisit Improvements		onstr	uction					LS		67,530
Projects qual Energy Conser Program (ECI	vatio			е				LS		0 67,530

10.Description of Proposed Construction

These projects provide needed revitalization of family housing units that do not meet contemporary criteria for livability. Revitalization projects provide for renewal of the whole house which considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net square footage to space currently authorized, installation of central air conditioning and heating systems, relocation of ductwork above ceilings as required to prevent the possibility of termiticide contamination, exterior storage, carports, parking, patios, and replacement of supporting infrastructure i.e.: utility distribution, storm sewers, roads, landscaping and recreation facilities.

Selected projects will eliminate the substandard condition in those units currently classified as substandard.

1. COMPONENT							2.DATE	
ARMY	FY	19 <u>94</u>	MILITARY	CONSTRUCTION	PROJEC	T DATA		APRIL 1993
3. INSTALLATION AND	LOCATIO	N						
							,	
Various Locati	ons -	Conti	nental and	Overseas				
4.PROJECT TITLE					5	. PROJECT	NUMBER	
Army Family Ho	using	Post A	Acquisitio	n Constructio	n			
					- 1			

11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty five years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.

IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 20% energy reduction between 1985 and 2000 will not be met. Soldiers and their families will continue to live in quarters that are below accepted standards, affecting their duty performance and adversely impacting on the Army's mission.

I.COMPONENT				2.DATE					
	FY 1994 N	ILITARY CONSTRUCTION PROJE	CT DATA						
ARMY				APRIL 1993					
3. INSTALLATION AN	D LOCATION								
Various Locations - Continental and Overseas									
4.PROJECT TITLE 5.PROJECT NUMBER									
Army Family Ho	using Post Acqu	isition Construction							
DESCRIPTION OF	WORK TO BE ACC	COMPLISHED							
Country/State	Installation ar	nd Project							
		-		CWE					
		Post		(\$000)					
		Acquisition							
		Construction	ECIP	Total					
Δ.									
Colorado									
Fort Carson									
(Project Num	aber 38475)	5,900							
		ation of company, field and	senior o	rade officer					
		arable to new construction							
		ommunity recreational facil							
conservation i	mprovements - 8	33 units. (Separate DD Form	1 1391 15	attached).					
	_	•		5 000					
Installation T	otal			5,900					
Illinois									
Savanna Army									
(Project Num		640							
		ation of officer and senior							
		nstruction standards includ							
infrastructure	e, community red	creational facilities and e	energy con	nservation					
		arate DD Form 1391 is attac							
Installation T	Cotal			640					
Kansas									
Fort Leavenw	vorth								
(Project Num		20							
		icer Quarters by installing	central	air					
		ill be accomplished concurr							
		project to replace a fail:							
		OK), repair and replace wal							
		r (12.2K) - 1 unit. Note: 5							
				anu					
mprovements =	= 108.0K. (Sepa:	rate DD Form 1391 is attach	ieu).						
Tage - 11 ation 7	rotal			20					
Installation 1	LOCAL			20					
1									
i									
1									
I									
I .									

1 COMPONENTS		<del></del>		T <sub>2</sub>	. DATE
1.COMPONENT	FY 1994	MILITARY	CONSTRUCTION PROJ		
ARMY		111111111			APRIL 1993
3.INSTALLATION AN	D LOCATION				
			. /		
Various Locati	lons - Contin	ental and (	Overseas	5. PROJECT NUM	IRPR
4.PROJECT TITLE Army Family Ho	ousing Bost A	conisition	Construction	J.PRODECT NON	BER
Will Family up	Justily Fost A	cquisicion	Construction		
DESCRIPTION OF	WORK TO BE	ACCOMPLISH	ED		
Country/State	Installation	and Projec	et .		CWE
			Post		(\$000)
			Acquisition		(4000)
			Construction	ECIP	Total
Kentucky					
Fort Campbe	11				
	mber 17751)		10,200		
			company and field		
			on standards inclu		
			al facilities and		ervation
improvements -	- 154 units.	(Separate )	OD Form 1391 is at	tached).	
Installation ?	rotal				10,200
I I I I I I I I I I I I I I I I I I I					
Maryland					
Aberdeen Pro	oving Ground				
(Project Num			4,000		
			company grade off		
			ng comparable to n		
I	,	-	structure, communi	-	onal
facilities and	1 energy cons	ervation i	mprovements - 120	units.	
(Project Nu	mber 5063)		1,800		
		ization of	senior and field	grade offic	er and
			ng comparable to n		
			ion improvements -		
	mber 17649)		110		
			General Flag Offi		
			ards including ene		ation
improvements .	- 2 units. (S	eparate bb	Form 1391 is atta	ched).	
(Project Nu	mber 39370)		460		
		d grade of	ficer family housi	ng comparab	le to new
			rgy conservation i		
(Separate DD					
					,
Installation '	<b>rotal</b>				6,370
1					
1					

1.COMPONENT	FY 1994	MILITARY	CONSTRUCTION PROJE	CT DATA	2. DATE				
ARMY	11 17		0001001101001		APRIL 1993				
3. INSTALLATION AN	D LOCATION	10							
Various Locations - Continental and Overseas 4.PROJECT TITLE 5.PROJECT NUMBER									
Army Family Housing Post Acquisition Construction									
DESCRIPTION OF WORK TO BE ACCOMPLISHED									
Country/State Installation and Project									
Codnery/scace	Installation	and Proje			CWE				
			Post		(\$000)				
			Acquisition						
			Construction	ECIP	Total				
New Mexico									
	Missile Rang	e	3 300						
(Project Nur		:+: of	3,300 junior enlisted fa	am Clar house	ing comparable				
			ing supporting info						
			. (Separate DD Form						
			. (00,100						
Installation ?	Total				3,300				
(Project Nur Revitalize jui bathrooms, re- electrical upp basement wall; attic fan - 40  (Project Nur Revitalize hit three phases of area; replace repair or rep: provide centriand rear porcle	locate laundr grade, enlarg s and floor, D units. mber 31106) storic field of work. Reno windows and lace plaster al air condit nes and paint ning driveway	family ho y to basem e closets, repair or grade offi vate and r exterior d walls and ioning; re interior	1,500 using quarters. Relent, replace plumb repair plaster wa replace windows and 4,200 cer family housing econfigure kitchen oors including over ceilings: upgrade of move asbestos; rep- and exterior. Supp 58 units. (Sepa	ing and salls and cod install quarters, bathroor rhead gare electrical air slate ort facil:	nnitary lines, eilings and whole house  , phase two of ms and laundry mage door; l system; roof, front ity work				
i									

1.COMPONENT					2.DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION PROJ	ECT DATA	
ARMY 3. INSTALLATION AN	ID LOCATION				APRIL 1993
3. INSTABBATION AN	D BOCKTION				
Various Locat:	ions - Contine	ental and	Overseas		
4.PROJECT TITLE				5. PROJECT	NUMBER
Army Family Ho	ousing Post A	cquisition	Construction		
DESCRIPTION OF	WORK TO BE	ACCOMPLISH	ED		
Country/State	Installation	and Proje	ct		
••		,			CWE
			Post		(\$000)
			Acquisition		
			Construction	ECIP	Total
Oklahoma			***************************************		
Fort Sill					
(Project Nur	mber 16305)		8,600		
Whole neighbor	chood revital:	ization of	field and company	grade of	ficer and
senior noncom	missioned off:	icer famil	y housing comparab	le to new	construction
standards incl	luding support	ting infra	structure, communi	ty recrea	tional
facilities and	d energy cons	ervation i	mprovements - 221	units.	
Installation ?	rotal				8,600
South Carolina					
Fort Jackson					
	nber 40894)		0		
		Duarters b	y enclosing the at	rium loca	ted in the
			king along the atr		
			epairing damaged b		
			the enclosed space		
atrium will ac	id 112 net squ	uare feet	(NSF) per unit, re	sulting i	n quarters with
2,387 and 2,19	98 NSF which	exceeds th	e limits imposed b	y statute	by 77 and 98
NSF respective	ely. Authoriza	ation to e	xceed the limitati	on is req	uested. Funding
			rom the proceeds r		rom the sale of
the former Gre	egg Circle Are	ea to a pr	ivate developer -	2 units.	
Installation 7	Total				0
Virgini <b>a</b>					
Fort Lee					
	mber 17028)		15,000		
		ization of	junior enlisted f	amily hou	sing comparable
			ing supporting inf		
			onservation improv		
(Separate DD H	Form 1391 is a	attached).			
Installation 1	rotal				15,000
					15,000

APRIL    APRIL   Instrallation and Locations - Continental and Overseas    -PROJECT TITLE	. COMPONENT			2.	STAG
Arious Locations - Continental and Overseas  PROJECT TITLE TIMP Family Housing Post Acquisition Construction  ESCRIPTION OF WORK TO BE ACCOMPLISHED  OUNTRY/State Installation and Project  Post (\$00 Acquisition Construction ECIP Tot.  irginia Fort Monroe (Project Number 25517) hole neighborhood revitalization of historic general, field and company gr. fficer and enlisted family housing quarters. Repair or replace windows, onstruct full and half baths, provide additional kitchen and storage cabin and shelves, add closets, provide ground fault interupt receptacles, upgradusulation, extend fire separation walls, renovate existing baths, repair as efficish all walls and ceilings, repoint brickwork and upgrade supporting infrastructure and neighborhood recreational facilities - 73 units. (Separa Deform 1391 is attached).  Installation Total  USA TOTALS  67,530  67,531  Total USA and Overseas  PREVIOUS EDITIONS MAY BE USED INTERNALLY  PAGE NO.	ARMY	FY 19 <u>94</u> MIL:	ITARY CONSTRUCTION PROJ	ECT DATA	APRIL 199
PROJECT NUMBER  TRMY Family Housing Post Acquisition Construction  ESCRIPTION OF WORK TO BE ACCOMPLISHED  DUNTRY/State Installation and Project  Post (\$000 Acquisition Construction ECIP Tot.  Gradinia  Fort Monroe  (Project Number 25517) 11,800  note neighborhood revitalization of historic general, field and company graficer and enlisted family housing quarters. Repair or replace windows, nustruct full and half baths, provide additional kitchen and storage cabin and shelves, add closets, provide ground fault interrupt receptacles, upgrade insulation, extend fire separation walls, renovate existing baths, repair as efinish all walls and ceilings, repoint brickwork and upgrade supporting infrastructure and neighborhood recreational facilities - 73 units. (Separa or Form 1391 is attached).  Descriptions And Overseas 67,530 67,531  Total USA and Overseas 67,530 67,531		LOCATION	- 4	I	m nan 1999
PROJECT NUMBER  TRMY Family Housing Post Acquisition Construction  ESCRIPTION OF WORK TO BE ACCOMPLISHED  DUNTRY/State Installation and Project  Post (\$000 Acquisition Construction ECIP Tot.  Gradinia  Fort Monroe  (Project Number 25517) 11,800  note neighborhood revitalization of historic general, field and company graficer and enlisted family housing quarters. Repair or replace windows, nustruct full and half baths, provide additional kitchen and storage cabin and shelves, add closets, provide ground fault interrupt receptacles, upgrade insulation, extend fire separation walls, renovate existing baths, repair as efinish all walls and ceilings, repoint brickwork and upgrade supporting infrastructure and neighborhood recreational facilities - 73 units. (Separa or Form 1391 is attached).  Descriptions And Overseas 67,530 67,531  Total USA and Overseas 67,530 67,531					
ESCRIPTION OF WORK TO BE ACCOMPLISHED  Post (\$000 Acquisition Construction ECIP Tot.  Acquisition Construction ECIP Tot.  Inginia  Fort Monroe  (Project Number 25517)  11,800  10le neighborhood revitalization of historic general, field and company gr.  fficer and enlisted family housing quarters. Repair or replace windows, not shelves, add closets, provide ground fault interrupt receptacles, upgradusulation, extend fire separation walls, renovate existing baths, repair at sifnish all walls and ceilings, repoint brickwork and upgrade supporting infrastructure and neighborhood recreational facilities - 73 units. (Separa Porn 1391 is attached).  Installation Total 11,800  USA TOTALS 67,530 67,531  Total USA and Overseas 67,530 67,531		ons - Continental	and Overseas	5 PROJECT NUM	RER
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Post Acquisition  Construction  ECIP  Tot.  General Monroe  (Project Number 25517)  11,800  11	ountry/State	Installation and	Project		
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nsulation, extend fire separation walls, renovate existing baths, repair as finish all walls and ceilings, repoint brickwork and upgrade supporting infrastructure and neighborhood recreational facilities - 73 units. (Separa: Prom 1391 is attached).  Installation Total 11,80  USA TOTALS 67,530 67,530  Total USA and Overseas 67,530 67,530  Total USA and Overseas 67,530 67,530					
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nfrastructure and neighborhood recreational facilities - 73 units. (Separa D Form 1391 is attached).  Installation Total 11,80  USA TOTALS 67,530 67,530  Total USA and Overseas 67,530 67,530  PREVIOUS EDITIONS MAY BE USED INTERNALLY PAGE NO.					
D Form 1391 is attached).  Installation Total 11,800  USA TOTALS 67,530 67,530  Total USA and Overseas 67,530 67,530  PREVIOUS EDITIONS MAY BE USED INTERNALLY PAGE NO.					
USA TOTALS 67,530 67,531  Total USA and Overseas 67,530 67,531			recreational racificie	ss - /3 unites	. (Separate
USA TOTALS 67,530 67,530  Total USA and Overseas 67,530 67,530 67,530					
Total USA and Overseas 67,530 67,530  PREVIOUS EDITIONS MAY BE USED INTERNALLY DAGE NO.	nstallation To	otal			11,800
D FORM 1201C PREVIOUS EDITIONS MAY BE USED INTERNALLY DACE NO.	USA TOTALS		67,530		67,530
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FORM 1201C PREVIOUS EDITIONS MAY BE USED INTERNALLY DACE NO.					
PREVIOUS EDITIONS MAY BE USED INTERNALLY PACE NO					
1 DEC 76 1391C UNTIL EXHAUSTED	) 1 DEC 76 1391C	PREVIOUS	EDITIONS MAY BE USED INTERNA UNTIL EXHAUSTED	LLY	PAGE NO. 67

1.COMPONENT	2.DATE							
	FY 1	9 <u>94</u> MILITARY	CONST	RUCTIO	N PRO	JECT DATA		
ARMY							A	PRIL 1993
3.INSTALLATION AN	D LOCAT	ION		4.PROJE				
Fort Carson, C					sing Impro			
5. PROGRAM ELEMENT		6.CATEGORY CODE	7.PROJ	ECT NUMB	ER		COST (\$00	
						Auth	5,9	
88742A		711	38475		ybbrob	5,9	00	
		9.0	COST EST	IMATES	,			
		ITEM			U/H	QUANTITY	UNIT	COST (\$000)
PRIMARY FACILI	TY							3,944
Revitalize C	ffice	r Quarters			FA	83	47,518	(3,944)
SUPPORTING FAC Electric Ser Water, Sewer Paving, Walk	vice , Gas				LS LS LS	  	  	1,135 (136) (589) (410)
TOTAL REQUEST	RCENT NSPEC	(10.0%) TION & OVERHEAD	·	0%)				5,079 508 5,587 335 5,922 5,900 (0)

10.Description of Proposed Construction Whole neighborhood revitalization of 30 company grade, 45 field grade and 8 senior officer Capehart family quarters constructed in 1957-58 comparable to current construction standards, including neighborhood amenities and supporting infrastructure. Scope of work includes adding first floor bathrooms, wall and ceiling insulation, air conditioning, entry vestibules, privacy fencing, carports with bulk storage and trash enclosures, and window blinds. Renovate kitchens and bathrooms, and replace heating, plumbing, electrical and information systems, hot water heaters, windows, vinyl flooring, wood trim and wall and ceiling surfaces. Refinish stairs and hardwood floors, and replace doors and roofs as required. Abatement of asbestos and lead base paint is required. Paint interior and exterior. Supporting facility work includes replacing sewer laterals, electrical distribution and streetlights. Repair or replace patios, sidewalks, driveways and roads. Renovate playgrounds, add jogging path, relandscape and correct surface drainage.

PROJECT: Whole neighborhood revitalization of 83 company, field and senior grade officer family quarters. (Current Mission)

DD , FORM 1391

1.COMPONENT						2.DATE
	FY 1994	MILITARY	CONSTRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
3.INSTALLATION AN	D LOCATION					
Fort Carson, C	Colorado					
4.PROJECT TITLE				5.1	ROJECT	NUMBER

REQUIREMENT: This project is required to improve conditions of officer family quarters, neighborhood amenities and supporting infrastructure to meet current standards of size, habitability, safety, energy conservation and to extend the quarters useful life expectancy.

Family Housing Improvements

CURRENT SITUATION: These dwelling units were constructed in 1957-58. The two story, 2, 3 and 4 bedroom units have one bathroom located on the second floor with no half bath provided on the first floor. Bathrooms present a rundown/unsanitary appearance. The many coats of paint, nearly 1/8" deep, are chipping and revealing the lead base paint used in original construction. Kitchens are worn due to fair wear and tear, and mechanical and electrical systems are deteriorated, thereby increasing maintenance requirements. Energy conservation goals are difficult to attain due to lack of insulation and efficient equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of the occupants. Maintenance and energy costs will continue to accelerate, diverting limited operating funds and precluding attainment of energy reduction goals.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. The economic analysis shows revitalization to cost 63% of replacement construction. This analysis also shows revitalization to be more cost effective than replacement when compared over their useful life.

38475

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1.COMPONENT								2.DATE	
	PY 1	9 <u>94</u>	MILITARY	CONST	RUCTIO	N PR	OJECT DATA	,	
ARMY								A	PRIL 1993
3. INSTALLATION AN	D LOCAT	ION			4.PROJE	CT TI	TLE		
Savanna Army I	epot.	T11i	nois		Famil	v Ho	using Impr	ovements	
5. PROGRAM ELEMENT			GORY CODE	7 PROJ	ECT NUME			COST (\$00	
							Auth		40
007401			211		00430		Approp		
88742A		L	711		28473		1.44.44		40
			9.0	OST EST	IMATES				
		1	TEM			ו איש	QUANTITY	UNIT	COST
						.,	•	COST	(\$000)
PRIMARY FACILI	TY								500
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Revitalize/A						FA	2		
Meritalize,	idd Da	-110				1.0	•	, ,,,,,,,	(13,)
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1									
SUPPORTING FAC	ILITI	<u>ES</u>							51
Electric Ser	vice					LS			(6)
Site Imp(	45)	Demo(	)			LS			(45)
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ESTIMATED CONT	RACT (	COST							551
CONTINGENCY PE	RCENT	(10	.0%)						55
SUBTOTAL		,	,						606
SUPERVISION, INSPECTION & OVERHEAD (6.00%)									36
, , ,									642
TOTAL REQUEST									
TOTAL REQUEST (ROUNDED)									640
INSTALLED EQUI	PMENT-	-OTHE	R APPROPRIATI	IONS					(0)
i						1 1			

10. Description of Proposed Construction Whole neighborhood revitalization of seven dwelling units built 1917/18 and occupied by all grades to current construction standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes replacing the heating system and installing air conditioning and adding wall and ceiling insulation; upgrading interior and exterior electrical service; lead base paint abatement; remodeling kitchens and baths; replacement of carpet and refinishing hardwood floors; adding additional baths (2 DUs); installing life safety sprinklers to one third story unit (1 DU); replace asbestos shingles and roofing, gutters and downspouts; aesthetic treatment of exposed plumbing, and repairing fireplaces. Playgrounds and landscaping will be provided.

PROJECT: Whole neighborhood revitalization of 7 officer quarters utilized by officer and senior enlisted personnel. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions to conform to adequate standards of comfort, habitibility and safety, and to extend the life of these quarters.

1.COMPONENT	FY 1994	MTT.TTADV	CONSTRUCTION	DDO.TECT	Dama	2.DAIS
ARMY	21 13 <u>2.</u>	MIDIIMI	CONSTRUCTION	PRODUCT	DAIA	APRIL 1993
3. INSTALLATION AN	D LOCATION					
   Savanna Army I	Depot, Illino:	is				
4.PROJECT TITLE				5.P	ROJECT N	NUMBER
Family Housing	Improvement:	3				28473

CURRENT SITUATION: The existing seven units lack central air conditioning. Receptacles are available for only one window air conditioning unit which is unacceptable. Third floor unit lacks life safety sprinklers. Carpet and floors are worn and need replacement. These buildings are heated by steam from a central oil fired, high pressure heating plant. Radiators need replacement. All family housing dwellings are 70 years old or older and require extensive interior upgrade to bring the units up to current standards. Two units lack an adequate number of bathrooms. No major renovation projects have been performed in these units other than required maintenance and repair. The commander's quarters has a NSF of 5523, the duplex units have 3079 NSF each, and the four-plex units have 2169 NSF each, none of which will be increased as a result of this project.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished. ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. The economic analysis shows revitalization to cost 66% of replacement of existing housing, and shows improvement of existing housing to be less costly than replacement housing when compared over their useful life.

1.COMPONENT									2.DATE	
	FY 1	994	MILITARY	CONST	RUCTIO	N PR	OJECT D	λTλ		
ARMY									A	PRIL 1993
3. INSTALLATION AN	D LOCAT	ION			4 . PROJE	CT TI	TLE			
					l					
Fort Leavenwor				In					vements	<u> </u>
5. PROGRAM ELEMENT		6.CATE	GORY CODE	/.PROJ	ECT NUMB	ER	8.PRO	JECT	COST (\$00	20
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88742A		1	711	COST EST			1			20
					71111100		-		UNIT	COST
		I,	TEM			U/M	QUANTIT	LA	COST	(\$000)
PRIMARY FACIL	TΤΥ					1		$\dashv$		15
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SUPPORTING FAC	711.777	FC								
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ESTIMATED CON	PRACT	COST				-		$\rightarrow$		15
CONTINGENCY P			2081							1
SUBTOTAL	EKCENI	(3.0	,00)							16
SUPERVISION,	INCORC	י זאר בידיי	OVERHEAR	(6.0	1091	l				1
TOTAL REQUEST	INSF LC	11011	, O'LKIILAD	(0.0	, , ,					17
TOTAL REQUEST	( POIIN	וחפתו								20
				TONE						(0)
INSTALLED EQU	TEMENT	-OINE	( APPROPRIAT	TONS						(0,
10.Description of Prop	osed Cons	struction	Install	centra	lair	cond	itionin	g ir	an hie	toric
General Offic										
accomplished										
replace a fail										
replace walls										
for the M&R is										
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PROJECT: Thi:	s proi	ect w	ill provide	centra	l air	cond	itionin	a to	one Ge	neral
Officer Quarte										
heating system										
the Fort Leave										
REQUIREMENT:										
The most effe										
conditioning			•							
heating system		con jui	SCION WICH	end te	aceu	110K	Project		rebrace	one
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CURRENT SITUAT occupant owner			s GFOQ is pr							
							-			ana
adjacent wall	areas	aue t	to their wei	gnt ar	id Lele	ase	or cond	ensa	LION.	

1.COMPONENT				2.DATE	
ARMY	FY 1994 MILITARY CONSTRUCTION ARMY		N PROJECT DATA	APRIL 1993	
3. INSTALLATION AP	ND LOCATION				
Fort Leavenwo	rth, Kansas				
4. PROJECT TITLE			5.PROJECT	NUMBER	
			1		
Family Housin			1		

IMPACT IF NOT PROVIDED: This GFOQ will continue to be cooled with occupant owned energy inefficient window units, not conforming to the policy of providing central air conditioning in all family quarters where authorized by location. This residence is structurally sound, however, the mechanical systems are failing and need repair by replacement. This GFOQ is one of the landmarks of the installation and it is in the best interest of the Army to retain it.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no additional security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), 'Design Criteria, dated 9 December 1991.

\*

1.COMPONENT	T						2.DATE	
	FY 19	94 MILITAR	Y CONST	RUCTIO	N PR	OJECT DATA		
ARMY	l			,			A F	RIL 1993
3. INSTALLATION AN	ID LOCATI	ON		4.PROJE	CT TI	rle		
Fort Campbell,	, Kentu	cky		Famil	y Ho	using Impro	vements	
5.PROGRAM ELEMENT	. 6	.CATEGORY CODE	7.PROJ	ECT NUM	BER	8.PROJECT	COST (\$000	0)
						Auth	10,20	0
88742A		711		17751		Approp	10,20	00
T		9	.COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	ITY							8,227
2 Bedroom, C	CGO				FA	58	42,600	(2,471
3 Bedroom, B	FGO				FA	28	61,500	(1,722
3 Bedroom, (	CGO				FA	61	58,800	(3,587
4 Bedroom, E	F <b>G</b> O				FA	7	63,900	(447
SUPPORTING FAC	CILITIE	s					<u></u>	590
Electric Ser		-			Ls			(200
Water, Sewer	r, Gas				LS			(96
		bs And Gutters			LS			(45
Site Imp(	249) D	emo( )			LS		`	(249
ESTIMATED CONT	TRACT C	OST						8,817
CONTINGENCY PE	ERCENT	(10.0%)						882
SUBTOTAL						1		9,699
SUPERVISION, 1	INSPECT	ION & OVERHEAD	(6.0	0%)				582
TOTAL REQUEST								10,281
TOTAL REQUEST	(ROUND	ED)				ļ		10,200
INSTALLED EQUI	IPMENT-	OTHER APPROPRIA	TIONS					(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 154 company and field grade officer quarters, single and duplex one story units, constructed in 1952-1958 in three separate housing areas (Campbell Army Airfield, Turner Loop, and Werner Park) including neighborhood amenities, infrastructure, and energy efficiency. Work includes increasing the net square footage to allow improvements to the floor plan, redesign of the kitchen and bathroom(s), added family room, laundry room, and additional bath for 61 three bedroom units. Replace windows and blinds, interior doors and hardware, floor covering and insulation to all units to improve energy efficiency. Upgrade the electrical system to include fixtures and relocate the main panel to the utility/laundry room. Repair the plumbing, replace the interior trim and paint the interior. Asbestos and lead paint abatement as required. Replace the patio slab and add covers and privacy fencing. In 35 field grade officer and five company grade officer units, replace the carport, exterior storage and driveways/parking areas. In the other houses, replace the carport roofs and paint. Neighborhood amenities include placing telephone, TV cable and electrical lines underground, additional street/security lighting, adding tot lots, playgrounds, multi-purpose courts, bus stop shelters and landscaping. Repair or replace utility lines (gas, water, sewer and storm sewer), provide

1.COMPONENT	PY 1994	MTT TMARY	CONSTRUCTION	PROTECT	CT DATA	2.DATE	
ARMY	172	MINITARI	CONSTRUCTION	PROJECT	DVIV	APRIL 1993	
3.installation and Fort Campbell,							
4.PROJECT TITLE				5.	PROJECT	NUMBER	

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

curbs, gutters and sidewalks, repave streets and upgrade signage to include entrance signs. Five percent of these quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.

PROJECT: Whole neighborhood revitalization of 35 field grade officer and 119 company grade officer quarters to include neighborhood amenities and supporting facilities to current construction standards. (Current Mission) REQUIREMENT: This project is required to improve existing conditions of these field and company grade officer family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, safety, energy conservation, and to extend the life expectancy of these units. CURRENT SITUATION: These units have not been renovated since they were constructed. The seven four-bedroom field grade units in Turner Loop with 1,543 net square feet (NSF) have no bathrooms accessible without going through a bedroom. Sixty company grade three-bedroom units in Werner Park (1,047 NSF) and one three-bedroom unit at Campbell Army Airfield (1,171 NSF) have only one bathroom. Thirty-two two-bedroom company grade quarters in Werner Park have 864 NSF and 28 field grade officer units in Turner Loop have 1,295 NSF. There are 22 two-bedroom units with 1,011 NSF in Werner Park. Additionally the four three-bedroom duplexes at Campbell Army Airfield with 942 NSF will be converted to two-bedroom quarters. The washer and dryer are located in the kitchen in 149 units. Kitchen and bathroom fixtures are deteriorated, and plumbing and electrical systems need upgrading. None of the units have family rooms. The patio slabs and carport roofs are cracked and broken. Many of the units do not have fencing, and and broken. Sidewalks, drop-inlets, curbs and gutters are cracked or broken. Turner Loop gas lines need replacing and many of the utility lines need to be repaired or replaced throughout all three housing areas. Streets need repair and ponding is evident in the streets and around the dwelling units. Neighborhood recreational equipment is inadequate to meet the needs of the families.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate, adversely affecting the health, safety and quality of life of these company and field grade officer personnel and their families, with maintenance and utility costs continuing to accelerate.

<u>ADDITIONAL</u>: The economic analysis shows revitalization to cost 69% of replacement housing. This analysis shows improvement of existing housing to be more cost effective than replacement housing when compared over their useful life. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991.

1.COMPONENT	<del></del>				-		2.DATE	
1.COMPONENT	FY 1994	MILITARY	CONTEM	PIICMIC	M DD	OTECH DAM	1	
ARMY	FI 19 <u>94</u>	MILITARI	CONST	RUCTIC	IN PR	DUECT DAT		PRIL 1993
3. INSTALLATION AN	ND LOCATION			4.PROJE	CT TI	TI.P	^	EKIT 1333
J. INSTREBERTION R	1D BOCKITON			1.11.001				
	: C	.av		Fam. 6.3	!!-	i T		
Aberdeen Prov		ATEGORY CODE	12 ppo 7	ECT NUM		using Imp	T COST (\$00	
5.PROGRAM ELEMENT	,   6.0	ATEGORI CODE	/ . PRG5	ECT NUM	DER	Auth		10
		711	1	17640		Approp	_	
88742A		711	OST EST	17649		141.4	1	10
		9.0	CST EST	IMATES	_			
		ITEM			U/M	QUANTITY	COST	COST (\$000)
PRIMARY FACIL	ITY							98
Revitalize	GFOQ 1				FA		1 48,400	(48)
Revitalize	GFOQ 10				FA		1 44,900	(45)
Building In	formation	Systems			LS			(5)
· .		-						
							1	
					1		1	
SUPPORTING FA	CILITIES				1			
							1	
							1 :	
1							1 :	
1							1	
1								
1							1	
ESTIMATED CON	TRACT COS	T			1		1	98
CONTINGENCY P							1	10
SUBTOTAL		<b>,</b>						108
	INSPECTIO	N & OVERHEAD	(6.0	08)				6
TOTAL REQUEST			,	,				114
TOTAL REQUEST		))						110
1	•	HER APPROPRIAT	TONS					(0)
			20110					(0)

10.Description of Proposed Construction Whole neighborhood revitalization of two General Flag Officer's Quarters constructed in 1935. Quarters 1 is the designated quarters for the Commander, U.S. Army Test and Evaluation Command and Quarters 10 is designated for the Commander, U.S. Army Ordnance Center and School. Scope of work includes upgrading the heating system, installation of central air conditioning, upgrade of interior electrical wiring, and wall and attic insulation. This project includes all work required to bring these quarters up to current standards.

PROJECT: Revitalize two General Flag Officer Quarters. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of
these General Officer's Quarters (GFOQ) to adequate standards of comfort,
habitability and safety, to provide quarters comparable to new construction
standards, and to extend the life expectancy of these quarters.
CURRENT SITUATION: Units lack a central heating/cooling system and adequate
attic and wall insulation. Insulation on the electrical wiring has become old
and brittle posing a safety hazard.

1.COMPONENT						2.DATE
	FY 19 <u>94</u>	MILITARY	CONSTRUCTION	PROJECT	DATA	
ARMY						APRIL 1993
3.INSTALLATION AN	D LOCATION					
Aberdeen Provi	ng Ground, Ma	ryland				
4.PROJECT TITLE				5.F	ROJECT !	NUMBER
				i		
Family Housing	Improvements					17649

IMPACT IF NOT PROVIDED: Delay in accomplishment of this project will result in costly maintenance and repairs, lack of central air conditioning, wasted energy, and impacting the health, safety, and quality of life of these Commanders.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. Revitalization is 31% of replacement construction.

1.COMPONENT							2.DATE	
	FY 1994	MILITARY	CONST	RUCTIO	N PR	JECT DATA		
ARMY							AP	RIL 1993
3. INSTALLATION AN	ND LOCATION			4 . PROJE	CT TI	LLE		
Aberdeen Provi		Maryland SORY CODE	12 200	Famil ECT NUM		sing Impro	COST (\$000	
3.PROGRAM ELEMENT	O.CATE	SORT CODE	7.PROJ	ECT NUM	7.30	Auth	46	
88742A		711		39370		Approp	46	•
007428			COST EST				- 10	
	1	TEM			U/M	QUANTITY	UNIT	COST
					,	201111111	COST	(\$000)
PRIMARY FACIL								396
Revitalize :		-			FA	1	95,000	(95)
Revitalize 1	Field Grade	Qtrs			FA	4	75,200	(301)
						i		
1					1	!		
						Ì		
SUPPORTING FAC	CILITIES							
DOLL ON LING LIN	CIDITIDO				]	1		
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DOMENTAL MADE CONT					$\vdash$			206
ESTIMATED CONT CONTINGENCY P		09.				1		396
SUBTOTAL	ERCENT (10.	08)					-	436
SUPERVISION,	TNSDFCTION A	OVERHEAD	76.0	103.1		1		26
TOTAL REQUEST		OTERMEND	, 0.0	00)		İ	1	462
TOTAL REQUEST						1		460
INSTALLED EQU	• •	APPROPRIAT	IONS			1	1	(0)
10 Description of Bron	noted Construction	Danis a 14					£ 61.	1.4

10.Description of Proposed Construction Revitalize one senior officer, and four field grade officer family housing quarters constructed from 1913-1927. Work includes upgrading heating systems, installing central air conditioning, replacing interior electrical wiring, repairing plaster walls and ceilings, adding insulation, lead paint removal, increasing bedroom closet space, and replacing or refurbishing interior doors. Replace garages in 1 field grade officer quarters.

PROJECT: Revitalize one senior officer, and four field grade officer family housing quarters. (Current Mission)

REQUIREMENT: This project is required to install central air conditioning, improve existing living conditions, reduce energy consumption, accomplish deferred maintenance, reduce routine recurring maintenance and extend the life expectancy of the quarters.

<u>CURRENT SITUATION:</u> These quarters are partially cooled during the summer months with occupant owned window air conditioning units. The attics are not insulated, resulting in a high use of energy for heating. The garages are deteriorated to the point of becoming a safety hazard. Existing conditions include spalling plaster with lead paint and interior doors which are aged,

1. COMPONENT				2.DATE		
· · · · · · · · · · · · · · · ·	PY 1994	MILITARY CONSTRUCTION PROJ	ECT DATE	2. DATE		
ARMY	11 1721	MILITARI CONSTRUCTION PROJ	ECT DATA	3 DDT7 1003		
3. INSTALLATION AN	D LOCATION	·		APRIL 1993		
Aberdeen Provi	ing Ground, N	Maryland				
4.PROJECT TITLE			5. PROJECT	NUMBER		
Pamily Housing	Improvement	s		39370		
				3,3,,0		
CURRENT SITUAT	ION: (CONT	INUED)				
split and heav	ily coated w	vith paint. Asbestos was prev	iously rem	noved. The		
interior wirin	ng is dry, br	ittle and presents a potenti	al safety	hazard as well		
as attributing	to costly r	epairs and maintenance. Bedr	oom closet	space is		
inadequate.				•		
IMPACT IF NOT	PROVIDED:	If this project is not provi	ded, the	quarters will		
continue to de	teriorate wi	th annual maintenance costs	increasing	and the		
health, safety	and quality	of life of the occupants wi	ll be affe	ected.		
Operating cost	s will conti	nue to increase, adversely a	ffecting t	he Army's goal		
		gy consumption.				
ADDITIONAL:	This project	has been coordinated with t	he install	ation physical		
security plan,	and no secu	rity improvements are requir	ed. This p	roject		
complies with	the scope an	d design criteria of DOD 427	0.1-M, "Co	nstruction		
Criteria", as	implemented	by the Army's Architectural	and Engine	ering		
Instruction (A	EI), "Design	Criteria, dated 9 December	1991. Sr.	officer		
quarters, 6 BK	, 15 3,044 N	SF and the four field grade	quarters,	4 BR, have		
required to br	ing those up	ootage of these units will n	ot change,	and all work		
historical th	any these un	its up to current standards y desirable, well built unit	is include	d. While not		
nositively to	the inctalls	y desirable, well built unit tion. The economic analysis	s that cor	tribute		
cost 69% of re	placement of	existing housing, and shows	impressor	talization to		
housing to be	less costly	than replacement housing whe	Improveme	ent of existing		
useful life.	ress cosery	chan repracement nousing whe	и сощралес	over their		
				j		

1.COMPONENT						2.DATE	
	FY 1994 MILIT	ARY CONST	RUCTIO	N PR	OJECT DATA		
ARMY						Al	PRIL 1993
3.INSTALLATION AND	LOCATION		4.PROJE	CT TI	TLE		
ertite condensation	-il- Danna Nasa Ma			<b></b> .			
White Sands Miss	ile Range, New Me		ECT NUMB			COST (\$00	<u> </u>
5.PROGNAM ELEMENT	6. CATEGORY CODE	/ . PROJ	ECT NUMB	ЕК			•
					Auth	3,30	
88742A	711		3943		Approp	3,30	00
		9.COST BST	IMATES				
	ITEM			U/M	QUANTITY	UNIT COST	(\$000)
PRIMARY FACILITY	7	-		1-1			2,568
Revitalize 3 H				FA	50	51,352	(2,568)
	-			[			• • •
				1 1			
SUPPORTING FACIL	TMTDC			$\vdash$			. 253
Electric Servi				LS	]		(100)
				1 1	1		
Water, Sewer,				LS	1	(	(57)
• • • • • • • • • • • • • • • • • • • •	Curbs And Gutter	's		LS			(86)
Site Imp(	LO) Demo( )			LS			(10
				1 1			
						i	
ESTIMATED CONTRA							2,821
CONTINGENCY PERC	CENT (10.0%)			1	l		282
SUBTOTAL					1	1	3,103
SUPERVISION, INS	SPECTION & OVERHEA	.D (6.0	0%)		1	- 1	186
TOTAL REQUEST					3,289		
TOTAL REQUEST (	ROUNDED)				•		3,300
INSTALLED EQUIPM	MENT-OTHER APPROPR	IATIONS					(0
							1

10. Description of Proposed Construction Whole neighborhood revitalization of 50 junior enlisted single story, three bedroom family quarters constructed in 1950 to current construction standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes increasing the net square footage to current standards, constructing a second full bath. interior modification to improve floor plan, redesign and upgrade of kitchens, provide pantry and family room. Replace flat roofs with sloped roofs and paint interior. Support facilities include patios, replacing detached garages, paving driveways and installing privacy fencing, landscaping, streetlights, storm drainage and sidewalks. Repair or replace exterior utility lines (water and sewer), provide 18 additional off-street parking spaces and resurface streets. Asbestos has been removed but minor lead paint abatement or removal is involved. Five percent of these quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.

PROJECT: Whole neighborhood revitalization of 50 junior enlisted quarters to include neighborhood amenities and supporting facilities to current construction standards. (Current Mission)

1.COMPONENT	FY 19 <u>94</u>	MILITARY CONSTRUCTION	N PROJECT DATA	2.DATE		
ARMY 3. INSTALLATION AND	APRIL 1993					
The state of the action of						
White Sands Mis	sile Range,	New Mexico				
4. PROJECT TITLE			5.PROJECT	NUMBER		
Family Housing	Improvements	5		3943		

REQUIREMENT: This project is required to improve existing conditions of junior noncommissioned officer family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, safety, energy conservation, and to extend the life of these units.

CURRENT SITUATION: The units are structurally sound, but the interiors are worn out, need remodeling and lack a second full bath. Garages are too small for use by current type/size vehicles and must be replaced. Eighteen units lack off-street parking. Existing bathroom fixtures have deteriorated. Additional sidewalks and privacy fences are required. Utility systems and streets are in need of repair. Storm water runoff ponds in streets and around houses due to inadequate drainage. Neighborhood recreational facilities consist of inadequate tot lots. Existing net square footage is 1148 SF and will be increased to 1200 NSF.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in minimum standard housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy cost will continue to accelerate, precluding attainment of energy reduction.

ADDITIONAL: No physical security and/or CBT/T measures are required. This project complies with the scope and design criteria of the Army's Architectural and Engineering Instruction (AEI), Design Criteria, dated 9

December 1991. The net square footage (NSF) will be increased from 1148 NSF to the allowable 1200 NSF. The economic analysis shows revitalization to cost 57% of replacement of existing housing, and shows improvement of existing housing to be less costly than replacement housing when compared over their useful life.

1.COMPONENT	1			_				2.DATE	
ARMY	FY 1	994	MILITAR	CONST	RUCTIO	N PR	OJECT DATA		PRIL 1993
3. INSTALLATION A	ND LOCAT	ION		~	4.PROJE	CT TI	TLE	-	
United States									
5. PROGRAM ELEMENT	r	6.CAT	EGORY CODE	7.PROJ	ECT NUM	BER	8.PROJECT	COST (\$00	•
88742A			711		31106	;	Vabrob	4,2	
			9.	COST EST	TIMATES				
			ITEM			M/D	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL Revitalize		Grade	Units			FA	58	53,904	3,126 (3,126)
SUPPORTING FA			Gutters			LS			480 (480)
			5 <b></b>						
ESTIMATED CON	TRACT (	COST							3,606
CONTINGENCY P	ERCENT	(10	.0%)						361
SUPERVISION,	INSPECT	rion	& OVERHEAD	(6.0	08)				238
TOTAL REQUEST				, - , -	. ,				4,205
TOTAL REQUEST INSTALLED EQU	•		R ADDRODRIA	TTONS					4,200
INSTRUMED EQU.	TE HENT	OINE	M AFFROPRIA.	10142					(0)

10 Description of Proposed Construction Revitalize 58 historic five bedroom field grade officer quarters constructed in 1935 in the Lee Housing Area. This is the second of a three phase program for renewal of 128 family housing quarters. The interior and exterior spaces require repairs and improvement in varying amounts. Scope of work includes renovating kitchens, providing additional counter space, cabinets, garbage disposal, exhaust range hood, dishwashers, and ground fault receptacles; bathroom renovation includes ceramic tile walls/floors, plumbing, lighting fixtures, bathroom accessories, ground fault receptacles and exhaust fans. Reconfigure layout of second floor master bath and basement bathroom. Enclose utility area, replace electric outlets for dryer and washer, install dryer vents, replace water and drain connections for washer, replace laundry sink and provide storage cabinets. Replace seven wood double hung windows and seven basement windows in each unit. Replace all entry doors to include over head garage door. Remove and replace all unsound and defective plaster walls and ceilings. Electrical upgrade to current standards including interior and exterior light fixtures and exterior ground fault receptacles. Provide air conditioning and remove any concealed asbestos insulation encountered. Repair slate roofing. Site work includes widening of existing driveways, walkways, front and rear porch repairs. Complete interior

1.COMPONENT		2.DATE
	FY 1994 MILITARY CONSTRUCTION PROC	JECT DATA
ARMY		APRIL 19
3.INSTALLATION AN	D LOCATION -	
United States	Military Academy, New York	
.PROJECT TITLE		5. PROJECT NUMBER
Family Housing	Improvements	31106
DESCRIPTION OF	PROPOSED CONSTRUCTION: (CONTINUED)	
and exterior		
and chocizor p		
PROJECT: Revi	talize 58 historic field grade officer	family housing quarters
as the second	of three phases of work. (Current Mission	on)
REQUIREMENT:	This project is required to improve ex	isting conditions of the
quarters to co	nform to adequate standards of comfort,	habitability, safety,
and to extend	the life expectancy of the quarters.	
CURRENT SITUAT	ION: The existing kitchens have insuft	ficient work areas for
	day household appliances. Existing bath	
	ixtures are worn out, insufficient elect	
	s. The utility areas require improvement	
	ity connections. These units, Old Double	
	plex buildings with slate roofs, five be	
	1327 net square feet with attached gard	
•	window replacement 1978, kitchen repairs	
	ement 1987, fireplace repairs 1989. Thes	
	hat were installed when built over 50 ye	_
	economic life. Building functional desi	ign or capacity will not
be altered by	* *	
IMPACT IF NOT		
	teriorate with maintenance costs continu	-
ADDITIONAL:	fety and quality of life of the occupant This project has been coordinated with t	
	and no physical security and/or combatt	
	equired. This project complies with the	
	D 4270.1-M, "Construction Criteria," the	
	as implemented by the Army's Architectur	
	EI), "Design Criteria," dated 9 December	
	sis supports revitalization as compared	
	nd shows revitalization to cost 53% of a	•
	• •	

) Digr	FY 1	9 <u>94</u> MILITAR	Y CONST	RUCTIO	N PRO	JECT DATA	2. DATE	
	ARMY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE							RIL 1993
J. INSTALLATION A	ND LOCAL	ION		1.PROJE	CI III	ne.		
· · · · · · · · · · · · · · · · ·	_,			B	<b></b>	-: <del>-</del>		
Fort Lee, Vir		6.CATEGORY CODE	12 0007			sing Impro	COST (\$000	
3.PROGRAM ELEMEN	PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT N			ECT NUMB	ER			
						Approp	15,00	
88742A		711		17028		- Attrop	15,000	
<del></del>		9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	ITY							7,875
Revitalize	Jr Enl	Quarters			FA	180	43,750	(7,875)
SUPPORTING FA Electric Se	rvice	<del></del>			LS LS			4,904
Water, Sewe	-,				Lol		- 1	(349)
Paving, Wal	ks, Cu	rbs And Gutters			LS			(644)
Paving, Wal Storm Drain	ks, Cu age	rbs And Gutters			LS LS			(644) (190)
Paving, Wal Storm Drain Site Imp(	ks, Cu age	rbs And Gutters			LS LS LS	 		(644) (190) (538)
Paving, Wal Storm Drain	ks, Cu age	rbs And Gutters			LS LS	  	- 1	(644 (190 (538
Paving, Wal Storm Drain Site Imp( Other	ks, Cu age 538) TRACT	rbs And Gutters  Demo( )  COST			LS LS LS	  	- 1	(644) (190) (538) (2,594)
Paving, Wal Storm Drain Site Imp( Other ESTIMATED CON CONTINGENCY P	ks, Cu age 538) TRACT	rbs And Gutters  Demo( )  COST			LS LS LS	  	- 1	(644) (190) (538) (2,594) 12,779 1,278
Paving, Wal Storm Drain Site Imp( Other ESTIMATED CON CONTINGENCY P SUBTOTAL	ks, Cu age 538) TRACT ERCENT	rbs And Gutters  Demo( )  COST (10.0%)			LS LS LS	  	- 1	(644) (190) (538) (2,594) 12,779 1,278 14,057
Paving, Wal Storm Drain Site Imp( Other ESTIMATED CON CONTINGENCY P SUBTOTAL SUPERVISION,	ks, Cu age 538) TRACT ERCENT	rbs And Gutters  Demo( )  COST	(6.0	0%)	LS LS LS	   	- 1	12,779 1,278 14,057
Paving, Wal Storm Drain Site Imp( Other ESTIMATED CON CONTINGENCY P SUBTOTAL	ks, Cu age 538) TRACT ERCENT	rbs And Gutters  Demo( )  COST (10.0%)	(6.0	0%)	LS LS LS	   	- 1	12,779 1,278 14,057 843 14,900
Paving, Wal Storm Drain Site Imp( Other ESTIMATED CON CONTINGENCY P SUBTOTAL SUPERVISION,	ks, Cu age 538) TRACT ERCENT INSPEC	Demo( )  COST (10.0%)  TION & OVERHEAD	(6.0	0%)	LS LS LS		- 1	(644) (190) (538) (2,594) 12,779 1,278 14,057 843

10.Description of Proposed Coostruction Whole neighborhood revitalization of 180 junior enlisted 2, 3 and 4 bedroom family quarters and community support facilities for 90 additional (270 total) units constructed during 1950 - 1953. Scope of work includes renovation of kitchen and bathrooms, replacement of heating and air conditioning systems, smoke detectors, gas hot water heater, pipe insulation, windows and doors. Provide building envelope insulation, telephone and cable TV outlets, and carports with bulk storage and trash enclosures. Refinish or replace interior floors, walls, ceilings, trim, stair treads and railings. Renovate exterior facade to reflect townhouse configuration including new pitched roof. Lead base paint and asbestos abatement is required. Five percent of the units will be revitalized such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Supporting facility work for 270 units includes additional parking, storm drainage, landscaping, upgrade of electrical distribution and streetlight systems, repair or replacement of water distribution, sanitary sewer and information systems, traffic control devices and signage, community center, recreation facilities, tot lots and upgrade of community entrance gateways.

1.COMPONENT	FY 1994	MILITARY CONSTR	UCTION PROJE	CT DATA	2.DATE
ARMY					APRIL 1993
J.INSTALLATION AND Fort Lee, Virgi					
4.PROJECT TITLE				5. PROJECT 1	NUMBER
Family Housing	Improvements				17028

Whole neighborhood revitalization of 270 junior enlisted family

quarters in the Jackson Circle housing area. (Current Mission) REQUIREMENT: This project is required to improve existing conditions of the quarters to conform to adequate standards of comfort, habitability and safety, to provide quarters comparable to new construction standards, and to extend the life expectancy of the quarters. CURRENT SITUATION: Of these quarters, 180 have had no major improvements since their original construction. Maintenance and utility costs have increased rapidly due to age and deterioration. This project will eliminate over 1.76 million dollars of deferred maintenance and repair (DMAR). Covered parking, exterior storage, patios/decks, privacy fencing, trash enclosures and adequate off street parking are non existent. Interiors and exteriors have deteriorated due to normal wear and tear and numerous changes in occupants. Kitchens have inadequate storage and electrical outlets and some do not have garbage disposals, dishwashers or range hoods. Kitchen cabinets and sinks are deteriorated, reflecting many years of fair wear and tear. This project will add bathrooms to some units, replace worn and failing fixtures and replace

cracked and mismatched tiles and finishes. HVAC systems are inefficient and have exceeded their useful life expectancy. Electrical systems do not meet current codes. There are limited playgrounds, tot-lots, family recreational areas, and sidewalks. This project will bring these quarters up to current standards, incorporate ideas from occupants and extend unit life expectancy by

25 - 30 years.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety, and quality of life of the occupants will be diminished.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1

January 1987, as implemented by the Army's Architectural and Engineering

Instruction (AEI), "Design Criteria," dated 9 December 1991, A life cycle cost analysis comparing revitalization to replacement construction and off-post leasing has been completed, and concludes that revitalization is the most cost effective alternative.

1. COMPONENT		-04					2.DATE	
1 2147	FY 1	9 <u>94</u> MILITARY	CONST	RUCTIO	N PR	OJECT DATA		DDTT 1003
ARMY							A	PRIL 1993
3.INSTALLATION A	ND LOCAT	ION		4.PROJE	CT TI	LLE		
Fort Monroe,	Virgin	ia		Famil	y Ho	using Impr	ovements	
5. PROGRAM ELEMEN		6.CATEGORY CODE	7.PROJ	ECT NUME			COST (\$00	
						Auth	11,8	00
88742A		711		25517		Approp	11,8	00
		. 9.	COST EST	IMATES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PRIMARY FACIL	ITY				П			8,730
Type 9 - GO	Q				FA	3	162,289	(487
Type 6 - Du	plex C	OL			FA	6	128,616	(772
Type 10 - D	uplex	COL			FA	12	149,631	(1,796
Type 21 - D	uplex	COL			FA	2	107,727	(215
Type 4 - Qu	ad SrN	CO			FA	12	112,250	(1,347
Total from	Contin	uation page			1			(4,113
SUPPORTING FA	CILITI	ES						1,310
Site Imp( 1	,310)	Demo()			LS			(1,310
					1 1			
ESTIMATED CON	TRACT	COST						10,040
CONTINGENCY PERCENT (10.0%)								1,004
SUBTOTAL					1 1			11,044
SUPERVISION,	INSPEC	TION & OVERHEAD	(6.0	0%)		i		663
TOTAL REQUEST								11,707
TOTAL REQUEST	(ROUN	DED)						11,800
INSTALLED EQU	IPMENT	OTHER APPROPRIAT	CIONS					(0
					1		l	, ,

10.Description of Proposed Construction Whole neighborhood revitalization of 73 historical family quarters consisting of 3 general officer, 20 colonel, 32 company/field grade officer, and 18 senior and junior noncommissioned officer family housing dwellings. Work includes, but is not limited to, installing central air conditioning, upgrading heating system, attic ventilation, ceiling fans and repairs to interior and exterior finishes, underground utilit/ lines, plumbing systems (interior/exterior), exposed conduit, kitchen and baths renovation, unit insulation, laundry facilities, sealing fireplaces, extending firewalls, and window restoration/repair. Repairs are required to foundations, exterior hatch doors, porches and structure, pavement areas, and privacy fencing. Site drainage and grading will be provided where required. Utility systems will be master metered, upgrade natural gas service, garages/carport and exterior lighting improved, and storm drainage, parking, jogging trail and tot lots upgraded. The functional layout of some units will be altered to provide additional baths or improved floor plan. Neighborhood improvements will enhance aesthetics and overall appearance of these historic quarters. Lead paint abatement and removal of asbestos siding is required.

1.COMPONENT	_ 1004						2.DATE	
ARMY	FY 19 <u>94</u>	MILITARY C	CONSTRUCTION	PROJ	ECT DA	ΓA	API	RIL 1993
3. INSTALLATION AND LO	CATION							
Fort Monroe, Virg	inia							
4. PROJECT TITLE					5. PROJ	CT	NUMBER	
Family Housing Im	provement	s					2:	5517
9. COST ESTIMAT	ES (CONTI	NUED)						
							Unit	Cost
<u>Item</u>			<u>u</u>	<u>/M</u>	QTY		COST	(\$000)
PRIMARY FACILITY	(CONTINUE	D)						
Type 4 - Quad C	o Grade		F	Ά		24	112,250	(2,694
Type 15 - Quad	Field Gra	de	F	Ά		8	113,945	(912
Type 7 - Single	Family J	rNCO	F	Α		4	78,815	(315
Type 27 - Singl	e Family	SrNCO	F	Α		1	96,460	(96
Type 31 - Singl	e Family	SrNCO	F	Α		1	96,460	(96
	•						Total	4,113

PROJECT: Whole neighborhood revitalization of 73 historic General Officer, colonel, field and company grade officer, and senior and junior noncommissioned officer family housing quarters. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these historic quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of the quarters. Work identified incorporates the criteria and recommendations of the Mariani and Associates study of historical quarters and a separate Architect/Engineer study.

CURRENT SITUATION: These quarters are part of the Fort Monroe National Historic Landmark District, and date to the turn of the century. Central air conditioning does not exist in these quarters, and the existing oil fired heating systems are failing. Kitchens, laundry and bathrooms do not meet current living standards. Counter tops and cabinet fronts are worn and dilapidated. Counter, shelving and cabinet space is severely lacking and cannot accommodate modern appliances nor allow for sufficient work space. Built-in appliances have reached their life expectancy. Interior spaces are awkwardly laid out in some quarters, making them difficult to work and live in. Electrical fixtures, outlets and wiring do not meet current standards. Existing dryer vents run through lower window sashes making for a shabby appearance and eliminating the ability to open the window. Kitchen and bathroom fixtures are aged and worn due to normal wear and tear. Plumbing in some quarters leak, causing water damage to ceiling floors. Closet space is inadequate. Basement doors have deteriorated significantly due to exposure to weather over the years and are warped, allowing water to enter the basement. Exterior and interior door hardware is worn, maintenance intensive and requires replacement. Door and window frames require restoration due to their age and normal wear and tear. Windows are not properly insulated and many are inoperable with broken hardware. Interior finishes to include walls, floors and ceilings require repairs and refinishing. Door and window frames, walls and ceilings are covered with paint build-up and are unsightly due to cracking and peeling of old paint. Original exposed paint layers are lead based, posing

1.COMPONENT						2.DAT	В
	FY 1994	MILITARY	CONSTRUCTION	PROJE	CT DATA		
ARMY			_				APRIL 1993
3. INSTALLATION AND	LOCATION						
Fort Monroe, V	irginia						
4. PROJECT TITLE					5.PROJECT	NUMBER	
				- 1			
Family Housing	Improvement			- 1			25517

CURRENT SITUATION: (CONTINUED)

a health threat. Some units do not have adequate exterior storage facilities and most do not have patios. The present metal roofing system is corroded and pitted. Flashing at critical joints does not exist on some units. Replacement with asphalt shingles where historically feasible is required. Site drainage is a problem during and after heavy rainfall. Ponding occurs in and around sidewalks, dwelling units and basements, and in some cases requires grading in order to alleviate the problem. Some wood floors cannot be further sanded and require carpeting. Fireplaces cause energy inefficiency and can cause a safety hazard from clogged flues and should be closed off. Cable TV wires are strung along walls rather than having been furred in. Firewalls in multiunits need to be extended to conform to fire codes. Attic insulation is not of standard R-value causing energy inefficiency. Foundations of wood frame houses are in poor condition and require jacks to prevent failure of the structure. Mortar in mortar joints is deteriorated. Brickwork needs repointing. Deteriorating asbestos siding is present and exterior needs restoring. Steel siding is deteriorating and needs to be removed and exterior restored. Porch structures are in poor or failing condition and need repair or replacement. General exterior appearance needs upgrading within limits imposed by historic considerations. Exterior conduits are unsightly. Broken pavement at driveways or patios needs repair or replacement. Low maintenance landscaping and privacy wooden fencing is lacking at most quarters. Neighborhood amenities such as curb and gutters, sidewalks, fencing, underground cable TV connections, security/night lighting, general landscaping, garages or carports, basketball pads, and tot lots are lacking or need expansion or upgrading. Storm drainage, natural gas, parking areas and roads, and utility metering at quarters need to be installed or improved. Safety fencing, school bus shelter, and playground is lacking from the type 7 (Big Bethel) neighborhood. Gutter and downspouts require repair or replacement. Water lines from mains to the houses need to be replaced.

IMPACT IF NOT PROVIDED: If this project is not provided, these historic quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991. Coordination with the State Historic Preservation Officer has been initiated and is ongoing. A life cycle cost analysis comparing revitalization to demolition and replacement is not a valid cost comparison as it does not consider replacement with an architecturally comparable structure or its historical significance within this historic landmark. All work performed in these units will consider

1.COMPONENT					2.DATE				
	FY 19 <u>94</u>	MILITARY CON	STRUCTION PROJE	CT DATA					
ARMY 3.INSTALLATION AN	D LOCATION				APRIL 1993				
3,1,101,100,11110,111									
Fort Monroe, Virginia									
4.PROJECT TITLE				5.PROJECT N	UMBER				
Family Housing	Tmnrovements		•		25517				
ramily nousling	, Implovements			!	2332.				
ADDITIONAL:									
the impact on economically m			re the quarters	are prop	erly and most				
economically m	maintained int	o the future.							
					l				

# ARMY FAMILY HOUSING FISCAL YEAR 1994 RENTAL GUARANTEE PROGRAM

# Purpose and Scope

The CONUS Rental Guarantee program, formerly known as the Section 802 program, is authorized in Section 2006 of PL 102-190, 5 December 1991. It permits the Army to guarantee 97 percent occupancy of housing units constructed at CONUS locations.

#### Program Summary

A contractor has constructed a 276-unit project at Kaneohe MCB, Hawaii, which was fully occupied by November 1992. Five hundred additional units are authorized, and continued authorization in FY 94 is requested. However, the Army is not pursuing further construction under this program pending results of the Navy's project to construct 368 units at West Loch, Hawaii, under the current legislative guidelines.

	FY 94 Units	276	276
	FY 93 Units	276	276
JSING hily Housing Summary	Date of Full <u>Occupancy</u>	Nov 92 NA	N A
ARMY FAMILY HOUSING tion 2836 (802) Family Ho	Date of Award	Jun 91 NA	<b>۷</b> 2
ARMY FAMILY HOUSING Fiscal Year 1994 Section 2836 (802) Family Housing Summary	FY of Initial Autho <u>re</u> ation	1987 1991	<b>∢</b> Z
Œ.	No. Units Authorzed	276 500	922
	Location	Oahu Consolidated Family Housing Office, HI	·TOTAL 802

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES ADVANCE PLANNING AND DESIGN

(\$ In Thousands)
FY 1994 Program 11,805
FY 1993 Current Est 8,940

## Purpose and Scope

This program provides for working drawings, specifications, cost estimates, project planning reports, final design drawings of family housing construction projects, and review of construction proposals. Included are architectural and engineering services in connection with any new family housing or post acquisition construction, along with costs incurred in developing requests for proposals. Additionally, these funds will be used to plan and design future year projects for new construction, improvements, and energy conservation.

#### Program Summary

Appropriation and authorization are required for \$11,805,000 in FY 94 to fund this construction planning and design.

The FY 94 funds provide for final design of FY 94 and FY 95 projects, and for concept designs of FY 96 and FY 97 programs to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 94 planning and design program supports emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of customized planning and design than do new construction projects, such as integrating modernization and upgrade requirements, including supporting utilities and infrastructure, into existing structures of differing conditions.

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES OPERATIONS AND MAINTENANCE

(\$ In Thousands)
FY 1994 Program 857,033
FY 1993 Current Est 1,005,279

### Purpose and Scope

a. <u>Operations Account</u>. This portion of the program provides for operating expenses in the following subaccounts and includes both direct and indirect support, as applicable:

<u>Management</u> - Provides resources for family housing management and installation administrative support and for services provided by the Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessment of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operations Management Systems (HOMES) to improve housing management.

 $\underline{Services}$  - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of police and fire protection.

<u>Furnishings</u> - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

<u>Miscellaneous</u> - Provides payments to operate non-Department of Defense housing units occupied by Army personnel overseas.

- b. <u>Utilities Account</u> Includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the costs to operate boiler plants and sewage systems used solely by family housing.
- c. <u>Maintenance Account</u> Provides the following activities required to maintain family housing real property assets:
- o <u>Dwellings</u> Includes service calls and routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damages caused by fires or storms, and major repair work including projects deferred in prior years.

- o <u>Exterior Utilities</u> Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.
- o  $\underline{\text{Other Real Property}}$  Includes work on grounds, surfaced areas, and other real property serving family housing.
- o <u>Incidental Improvements</u> Includes low-cost minor (incidental) improvements for less than \$3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.
- d. <u>Reimbursement Authority</u> Provides authority to incur additional costs for services and repair of damages to be reimbursed with collection of payments from Federal and non-Federal sources.

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES OPERATION AND MAINTENANCE PROGRAM SUMMARY HIGHLIGHTS

(\$ In Thousands)
FY 1994 Program 857,033
FY 1993 Current Est 1,005,279

Authorization and appropriation are requested for \$857,033,000 for FY 1994. This amount, together with estimated reimbursements of \$18,000,000, will fund the Operations and Maintenance program of \$875,033,000. A summary follows (\$ in thousands):

The FY 94 operations, utilities, and maintenance programs include the following major initiatives:

- o The continued installation, operation, maintenance, and improvement of the Housing Operations Management System (HOMES), an Army-wide computer system designed to assist in all phases of housing management. Ongoing initiatives include making HOMES more user friendly, establishing methods for system improvements and changes, and improving management output reports.
- o The continued effort to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are developed to request new construction or leasing of additional housing for military families.
- o Support of the Army Energy Conservation goal of 1.3 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.
- o Continuation of the Quarters Cleaning Initiative (QCI) which helps limit expensive overseas temporary housing allowances (TLA) to three days in lieu of the 10-day maximum. As a result, QCI program costs are more than offset by known large savings in TLA accounts. The program also shortens the period between occupancy, which creates savings in other housing allowance accounts.

7

o Continuation of the program to revitalize the family housing inventory. Emphasis is placed on accomplishment of all work required to upgrade units to current construction standards and concurrently perform required maintenance and repairs. Result is extended life of the quarters, reduced future maintenance and utility costs, and increased occupancy in the out-years.

ARMY FAMILY BOUSING
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
FISCAL YEAR 1994 BUDGET ESTIMATES

April 1993

(Excludes Lessed Units and Coets)

### STACT COST : EST COST : EST COST : COST	·						
A. INVENTORY DATA (WORLDWIDE)  Units in Being BOY : 162,335 : 159,113 : 147,746  Units in Being BOY : 159,113 : 147,746 : 142,981  a. Conterminous U.S. : 92,041 : 88,057 : 87,165  b. U.S. Overseas : 23,769 : 23,907 : 24,065  c. Foreign : 43,303 : 35,782 : 31,751  d. WORLDWIDE : 159,113 : 147,746 : 142,981  TOTAL UNIT : TOTAL UNI		: FY 92		: FY 93	:	FY 94	
A. INVENTORY DATA (WORLDWIDE):  Units in Being BOY : 162,335 : 159,113 : 147,746  Units in Being BOY : 159,113 : 147,746 : 142,981  a. Conterminous U.S. : 92,041 : 88,057 : 87,165  b. U.S. Overseas : 23,769 : 23,907 : 24,065  c. Foreign : 43,303 : 35,782 : 31,751  d. Worldwide : 159,113 : 147,746 : 142,981  : TOTAL UNIT : TOTAL UNIT : TOTAL UNIT : TOTAL UNIT : TOTAL UNIT : ACT COST : EST COST		: ACTUALS		: CURRENT	:	BUDGET	
A. INVENTORY DATA (WORLDWIDE)  Units in Being BOY : 162,335 : 159,113 : 147,746  Units in Being BOY : 159,113 : 147,746 : 142,981  a. Conterminous U.S. : 92,041 : 88,057 : 87,165  b. U.S. Overseas : 23,769 : 23,907 : 24,065  c. Foreign : 43,303 : 157,782 : 31,751  d. Worldwide : 159,113 : 147,746 : 142,981  : TOTAL UNIT : TOTAL UNIT : TOTAL UNIT : TOTAL UNIT : ACT COST : EST COST :		:		: ESTIMATES	:	ESTIMATES	
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1. OPERATIONS : : : : : : : : : : : : : : : : : : :		: ACT	COST	EST	COST :	EST	COST
1. OPERATIONS	B. FUNDING REQUIREMENT	: (\$000)					(\$)
a. Management : 90,077 560 : 93,678 611 : 81,163 b. Services : 66,799 416 : 64,840 423 : 62,447 c. Furnishings : 74,454 463 : 47,036 307 : 41,707 d. Miscellaneous : 1,897 12 : 1,973 13 : 1,840 SUBTOTAL OPERATIONS : 233,227 1,451 : 207,527 1,353 : 187,157 1, : : : : : : : : : : : : : : : : : :		-					
b. Services : 66,799 416 : 64,840 423 : 62,447 c. Furnishings : 74,454 463 : 47,036 307 : 41,707 d. Miscellaneous : 1,897 12 : 1,973 13 : 1,840 SUBTOTAL OPERATIONS : 233,227 1,451 : 207,527 1,353 : 187,157 1, : : : : : : : : : : : : : : : : : :							5 5
C. Furnishings : 74,454 463 : 47,036 307 : 41,707 d. Miscellaneous : 1,897 12 : 1,973 13 : 1,830 subtotal operations : 233,227 1,451 : 207,527 1,353 : 187,157 1, 2. UTILITIES : 315,187 1,961 : 313,736 2,045 : 281,346 1, 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.							43
d. Miscellaneous : 1,897 12 : 1,973 13 : 1,840 SUBTOTAL OPERATIONS : 233,227 1,451 : 207,527 1,353 : 167,157 1, 2. UTILITIES : 315,187 1,961 : 313,736 2,045 : 281,348 1, 2. UTILITIES : 315,187 1,961 : 313,736 2,045 : 281,348 1, 2. UTILITIES : 315,187 1,961 : 313,736 2,045 : 281,348 1, 2. UTILITIES : 316,240 2,341 : 405,896 2,645 : 325,620 2, 3. UTILITIES : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 24,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997 131 : 22,652 148 : 16,183 c. Maint & Repair of : 20,997							28
SUBTOTAL OPERATIONS : 233,227 1,451 : 207,527 1,353 : 107,157 1,  2. UTILITIES : 315,187 1,961 : 313,736 2,045 : 281,348 1,  3. MAINTENANCE : : : : :	•						1
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	SOUTH SELECTIONS						
3. NAINTENANCE : : : : : : : : : : : : : : : : : : :	2. UTILITIES						1,93
of Dwellings : 376,240 2,341 : 405,896 2,645 : 325,820 2, b. Exterior Utilities : 20,997 131 : 22,652 148 : 18,183 c. Maint & Repair of : : : : : : : : : : : : : : : : : :	3. MAINTENANCE	•					
b. Exterior Utilities : 20,997 111: 22,652 148: 18,181 c. Maint & Repair of : : : : : : : : : : : : : : : : : :	a. Maintenance & Rapair	:		:	:		
C. Maint & Repair of : : : : : : : : : : : : : : : : : :	of Dwellings	: 376,240	2,341	405,896	2,645 :	325,620	2,24
Other Real Property : 38,719 241: 41,770 272: 33,530 d. Alterations/Additions : 12,697 79: 13,698 89: 10,995 subtotal maintenance : 448,653 2,791: 484,016 3,155: 388,528 2, : : : : : : : : : : : : : : : : : :	b. Exterior Utilities	: 20,997	131	22,652	148 :	16,183	12
d. Alterations/Additions : 12,697 79: 13,698 89: 10,995 SUBTOTAL MAINTENANCE : 448,653 2,791: 484,016 3,155: 388,528 2,  1. FOREIGN CURRENCY SAVINGS : (3,821) : :  2. FOREIGN CURRENCY SAVINGS : (3,821) : :  2. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  3. FOREIGN CURRENCY SAVINGS : (3,821) : :  4. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,821) : :  5. FOREIGN CURRENCY SAVINGS : (3,	c. Maint & Repair of	2		:	:		
SUBTOTAL MAINTENANCE : 448,653 2,791 : 484,016 3,155 : 388,528 2,  1. FOREIGH CURRENCY SAVINGS : (3,821) : :  1. POPEIGH CURRENCY SAVINGS : (3,821) : :  1. S. APPROPRIATION : 993,246 6,180 : 1,005,279 6,552 : 657,033 5,  1. S. REIMBURSABLE PROGRAM : 13,434 84 : 16,000 104 : 18,000	Other Real Property	: 36,719	241	41,770	272 :	33,530	23
: : : : : : : : : : : : : : : : : : :	d. Alterations/Additions	: 12,697	79	13,698	89 :	10,995	7
1. POREIGN CURRENCY SAVINGS : (3,621) : : : : : : : : : : : : : : : : : : :	SUBTOTAL MAINTENANCE	•					2,67
S. APPROPRIATION : 993,246 6,180 : 1,005,279 6,552 : 857,033 5, : : : : S. REIMBURSABLE PROGRAM : 13,434 84 : 16,000 104 : 18,000	. FOREIGN CURRENCY SAVINGE	: (3,621)		ı			
S. REIMBURSABLE PROGRAM : 13,434 84 : 16,000 104 : 18,000 : :	APPROPRIATION				6,552 1	657,033	5,69
	. REIMBURSABLE PROGRAM						12
7. TOTAL OWN PROGRAM : 1,006,680 6,263 : 1,021,279 6,656 : 875,033 6,	7. TOTAL OWN PROGRAM	: : 1,006,660	6.263	1.021.274	6,656 :	675,033	6,02

Exhibit FH-2

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
FISCAL YEAR 1994 BUDGET ESTIMATES

April 1993

(Excludes Leased Units and Costs)

	: FY 92	1	FY 93		: FY 94	
	: ACTUALS	:	CURRENT		BUDGET	
	:		ESTIMATES		: ESTIMATES	
	:	:			:	
A. INVENTORY DATA (CONUS)	:	:			:	
Units in Being BOY	: 92,292	:	92,041		86,057	
Units in Being EOY	: 92,041	:	86,057		87,165	
	:	:			•	
	TOTAL	UNIT :	TOTAL		TOTAL	UNIT
	: ACT	COST :			EST	COST
B. FUNDING REQUIREMENT	: (\$000)	(\$) :			: (\$000)	(\$)
6. FUNDING REQUIREMENT	: (\$000)	:			:	(+)
	:				:	
1. OPERATIONS		:				
a. Management	: 40,248	437 :		4B1		477
b. Services	: 26,599	289 :		320		306
c. Furnishings	: 13,327	145 :		123		110
d. Miscellanaous	: 275	3 :		4 :		4
SUBTOTAL OPERATIONS	: 80,449	873 :		92B :		697
2. UTILITIES	: 119,724	1,299 :		1,456		1,411
	:	:,::::		.,		-,
3. MAINTENANCE	:	:		:	:	
a. Maintenance & Repair	:	:		:	:	
of Dwellings	: 215,652	2,340 :	244,145	2,711 :	198,047	2,261
b. Exterior Utilities	: 12,035	131 :	13,626	151 :	11,052	126
c. Maint & Repair of		:		:	:	
Other Real Property	: 22,193	241 :	25,123	279 :	20,382	233
d. Alterations/Additions	: 7,277	79 :		91 :	6,684	76
SUBTOTAL MAINTENANCE	: 257,157	2,790 :	291,133	3,233 :	236,165	2,696
					:	
. FOREIGN CURRENCY SAVINGS	: (3,821)	:			:	
5. APPROPRIATION	: 453,509	4,921 :	505,B18	5,617 :	438,390	5,004
	:	:	,			
6. REIMBURSABLE PROGRAM	: 6,383	91 :	8,176	91 :		105
	:					
7. TOTAL OWN PROGRAM	: 461,892	5,011 :	513,994	5,708 :	447,566	5,109

Exhibit PH-2

ARMY FAMILY HOUSING OPERATION AND MAINTENANCE, SUMMARY (US OVERSEAS) FISCAL YEAR 1994 BUDGET ESTIMATES April 1993

(Excludes	Leased	Units	and	Costs	)
-----------	--------	-------	-----	-------	---

A. INVENTORY DATA (US OVERSEAS) Units in Being BOY Units in Being BOY	: FY 92 : ACTUALS : : : : 23,459 : 23,769	: : : :	CURRENT ESTIMATES 23,769	:	BUDGET ESTIMATES 23,907 24,065	
B. FUNDING REQUIREMENT	: TOTAL : ACT : (\$000)	UNIT : COST : (\$) :	TOTAL EST (\$000)	UNIT : COST : (\$)	TOTAL EST (\$000)	UNIT COST (\$)
1. OPERATIONS	:	:		:		
a. Management	: 11,902	504 :	11,997	503 :	11,332	472
b. Services	: 19,054	807 :	18,513	777 :	22,168	924
c. Furnishings	: 11,180	473 :	8,035	337 :	8,793	367
d. Miscellaneous	: 0	0 :	0	0 :	0	0
SUSTOTAL OPERATIONS	: 42,136	1,784 :	38,545	1,617 :	42,293	1,763
2. UTILITIES	: : 54,132	2,292 :	54,870	2,302 :		2,410
3. MAINTENANCE	:	:		:		
a. Maintenance & Repair	:	:		:		
of Dwellings	: 69,655	2,950 :	75,110	3,151 :	69,498	2,897
b. Exterior Utilities	: 3,887	165 :	4,191	176 :	3,879	162
c. Maint & Repair of	:	:		:		
Other Real Property	: 7,168	304 :	7,730	324 :	7,152	298
d. Alterations/Additions	: 2,352	100 :	2,535	106 :	2,345	98
SUBTOTAL MAINTENANCE	: 83,062	3,517 :	89,566	3,757 :	82,874	3,455
	:	:		:		
4. APPROPRIATION	: 179,330	7,594 :	182,981	7,676 :	182,983	7,629
5. REIMBURSABLE PROGRAM	: 1,388	: : 59	953	40 :	1,953	81
		:				
6. TOTAL OWN PROGRAM	: 180,718	7,653 :	183,934	7,716 :	184,936	7,710

Exhibit FH-2

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
FISCAL YEAR 1994 BUDGET ESTIMATES

April 1993

(Excludes Leased Units and Costa)

A. INVENTORY DATA (FOREIGN) Units in Seing BOY Units in Seing EOY	: : : : : : : : : : : : : : : : : : : :	FY 92 ACTUALS 46,584 43,303	:	43,303 35,782	:	BUDGET ESTIMATES  35,782 31,751	
B. FUNDING REQUIREMENT		TOTAL ACT (\$000)	UNIT :	TOTAL EST (\$000)	UNIT	EST (\$000)	UNIT COST (\$)
1. OPERATIONS	:				:		
a. Management	:	37,927	844 :		970 :		830
b. Services	:	21,146	471 :		442 :		400
c. Furnishings	:	49,947	1,111 :		705 :		689
d. Miscellaneous	:	1,622	36 :	1,649	42 :	1,482	44
SUBTOTAL OPERATIONS	:	110,642	2,462 :	85,388	2,159 :	66,273	1,963
	:		:		:		
2. UTILITIES	:	141,331	3,145 :	127,775	3,231 :	•	2,958
. MAINTENANCE	:		:		:		
a. Maintenance & Repair	:		:		:		
of Dwellings	:	90,933	2,023 :	86,641	2,191 :	58,275	1,726
<ul> <li>Exterior Utilities</li> </ul>	:	5,075	113 :	4,835	122 :	3,252	96
c. Maint & Repair of	:		:		:		
Other Real Property	:	9,358	208 :	8,917	226 :		178
d. Alterations/Additions	:	3,068	68 :	2,924	74 :		5 8
SUBTOTAL MAINTENANCE	:	108,434	2,413 :	103,317	2,613 :		2,058
. APPROPRIATION	:	360,407	8,019 :	316,480	8,004 :		6,979
. REIMBURSABLE PROGRAM	:	3,663	82 :	6,871	174 :		20:
	:		:		:		

Exhibit FH-2

DoD Component: Army Appropriation: AFH

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1994 BUDGET ESTIMATES
OPERATION & MAINTENANCE COSTS
Real Property Maintenance and Minor Construction Projects\*
(HISTORIC HOUSING COSTS)

DU's 131 47	, 48 , 48	210
HISTORIC HOUSING COST  A. Non GFOQ Dwelling Units (DU's)  - Line-item Improvements:  - Maintenance and Repair:	B. GFOQ Dwelling Units (DU's) - Line-item Improvements: - Maintenance and Repair:	C. Grand Total:

Quarters designated as historically significant requiring major work performed to meet requirements stipulated by the National Historical Preservation Act of 1966 as amended. Major maintenance, repair, and improvement projects are included in the budget submission. Does not include minor recurring routine maintenance and repair.

FH-6

April 1993

### MANAGEMENT SUBACCOUNT

FY 93 \$93,678,000 FY 94 \$81,163,000

The FY 94 request for the management subaccount is based on the level of effort required for housing staffs, referral services, housing surveys and project planning.

### RECONCILIATION OF INCREASES AND DECREASES

			(\$M)
1.	FY 93 President's Budget Request		93.7
2.	FY 93 Appropriated Amount		93.7
3.	FY 93 Current Estimate		93.7
4.	Pricing a. Civilian Pay Raise b. Foreign Currency	(-1.9) (8)	-2.7
5.	Program Decreases a. Inventory Reduction b. Program Adjustments	(-3.1) (-6.7)	-9.8
6.	FY 94 Budget Estimate		81.2

### Rationale for Changes in the Management Account

Program decreases reflect European drawdown and reduced inventory due to BRAC proposals. Program adjustments include command-initiated transfers and other internal actions.

April 1993

### SERVICES SUBACCOUNT

FY 93 \$64,840,000 FY 94 \$62,447,000

The FY 94 request is based on the required level of support for refuse collection, street cleaning, fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

### RECONCILIATION OF INCREASES AND DECREASES

			(\$M)
1.	FY 1993 President's Budget Rec	luest	\$64.8
2.	FY 1993 Appropriated Amount		\$64.8
3.	FY 1993 Current Estimate		\$64.8
4.	Pricing Foreign Currency	(-0.3)	3
5.	Program Decrease Inventory Adjustments	(-2.1)	-2.1
6.	FY 1994 Budget Estimate		\$62.4

### Rationale for Changes in the Services Account

Program decrease reflects inventory adjustments, including reductions in Europe and base closures.

April 1993

### FURNISHINGS SUBACCOUNT

FY 93	FY 94
\$47,036,000	\$41,707,000

The furnishings subaccount is used primarily for the procurement, management, control, moving and handling, maintenance and repair of appliances (i.e., refrigerators, ranges, and, where authorized at OCONUS locations, washers and dryers) for all family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

### RECONCILIATION OF INCREASES AND DECREASES

		(\$M)
1.	FY 93 President's Budget Request	52.0
2.	Congressional Adjustment	-5.0
3.	FY 93 Appropriated Amount	47.0
4.	FY 93 Current Estimate	47.0
5.	Pricing a. Civilian Pay Raise (-1.0) b. Foreign Currency (4)	-1.4
6.	Program Decreases a. Inventory Reduction (-1.6) b. Program Adjustments (-2.3)	-3.9
7.	FY 94 Budget Estimate	41.7

### Rationale for Changes in the Furnishings Account

Program decreases reflect a continuing reduction of AFH furniture and appliances, resulting from planned force structure drawdowns, realignments, and base closures.

April 1993

### MISCELLANEOUS SUBACCOUNT

FY 93 \$1,973,000 FY 94 \$1,840,000

The FY 94 request includes sufficient resources to cover permit payments for housing U.S. soldiers in foreign locations.

### RECONCILIATION OF INCREASES AND DECREASES

			_(\$M)
1.	FY 93 President's Budget Request		2.0
2.	FY 93 Appropriated Amount		2.0
3.	FY 93 Current Estimate		2.0
4.	Pricing Foreign Currency	(1)	1
5.	Program Decrease Program Adjustments	(1)	1
6.	FY 94 Budget Estimate		1.8

### Rationale for Changes in the Miscellaneous Account

Program decrease reflects lower permit payments and deletes accommodation charges, since housing has been turned over to the  ${\tt United\ Kingdom.}$ 

April 1993

### UTILITIES ACCOUNT

FY 93 \$313,736,000 FY 94 \$281,348,000

This program provides for all utilities for Army Family Housing, which include electricity, natural and propane gas, steam hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

### RECONCILIATION OF INCREASES AND DECREASES

			(\$M)
1.	FY 1993 President's Budget Request		\$313.7
2.	FY 1993 Appropriated Amount		\$313.7
3.	FY 1993 Current Estimate		\$313.7
4.	Pricing a. Fuel Price Adjustments b. Foreign currency	( 6.3) (-1.9)	4.4
5.	Program Decreases a. Inventory Reduction b. Energy Consumption Reduction Goal c. Program Adjustments	(-10.4) (-4.1) (-22.3)	-36.8
6.	FY 1994 Budget Estimates		\$281.3

### Rationale for Changes in the Utilities Account

The energy consumption reduction goal of 1.3 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 95 will be met. Savings realized as a result of the energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Inventory adjustments are based on BRAC, reductions in Europe, and increases due to new construction. Program adjustments are made based on unforeseen rate changes, weather conditions, increased savings from energy conserving projects and changes in projected inventory.

April 1993

#### MAINTENANCE ACCOUNT

FY 93 \$484,016,000 FY 94 \$388,528,000

The family housing assets maintained by the Army are valued at over \$18 billion in replacement costs. To ensure that these facilities can be occupied continuously requires sound property management for preservation and protection of this major investment. The past decline of the dollar value overseas and budget constraints in prior years have had an adverse impact on the Army's program to contain the growth of deferred maintenance.

During FY 94 it is estimated that approximately 32,062 overseas units and associated costs of \$7,534 million will be required for quarters cleaning between change of occupancy.

### RECONCILIATION OF INCREASES AND DECREASES

			(\$M)
1.	FY 1993 President's Budget Request		\$495.8
2.	Congressional Adjustment		-11.8
3.	FY 1993 Appropriated Amount		\$484.0
4.	FY 1993 Current Estimate		\$484.0
5.	Pricing a. Inflation b. Foreign Currency	(-27.0) (- 4.7)	-31.7
6.	Program Decreases a. Inventory Reduction b. Major M&R Project Deletions c. Revitalization Reduction	(-16.5) (-13.8) (-33.5)	-63.8
7.	FY 1994 Budget Estimates		\$388.5

### Rationale for Changes in the Maintenance Account

Program decreases reflect European drawdown and reduced inventory due to BRAC proposals. Decreases also reflect deletions of several programmed major M&R projects, mainly those in USAREUR. In addition, the revitalization of units contributes to the reduction of required major M&R projects within CONUS.

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES SUMMARY BACKLOG OF DEFERRED MAINTENANCE (\$M)

	FY 92	FY 93	FY 94
Beginning of Year DMAR	576	638	717
Revitalization Reduction	- 21	- 26	- 33
DMAR Inventory Reduction	- 18	- 33	- 45
Revalue Adjustment (Foreign Currency)	- 40	- 10	~ 5
Revised Beginning of Year DMAR	497	569	634
DMAR Containment (Inflation & Deterioration)	28	31	34
Annual Maintenance Requirement	588	627	598
Total Maintenance Requirement	616	658	632
Total Maintenance Financed	449	484.	38 <b>9</b>
Unfunded Requirement	+167	+174	+243
Adjusted DMAR Growth	- 25	- 26	~ 37
Change in DMAR	+142	+148	+206
End of Year DMAR	638	717	840

DMAR Containment is computed by applying factors for inflation and deterioration on the beginning of year DMAR reduced by the impact of revitalization projects. The Annual Maintenance Requirement is computed by taking the average cost per dwelling unit (adjusted for inflation and the impact of revitalization) times the average inventory for the year.

The funding request for maintenance in FY 94 is still inadequate to contain the backlog of deferred maintenance and repairs (DMAR). Previous limited maintenance funding and high occupant turnover rates have accelerated deterioration of family quarters and the supporting infrastructure. Limited funding in recent years has also resulted in piece-meal or temporary repairs while more permanent solutions were deferred. Emphasis on timely maintenance and repairs is essential to ensure quarters are available for occupancy. Continually deferring such work increases the rate of deterioration, causing additional unfunded requirements in future years.

The Army has initiated a whole-house/whole-neighborhood concept to establish total funding required to bring existing facilities up to new construction standards. This concept combines all improvements with required maintenance and repairs into one project, minimizing quarters downtime and continual disruption to residents for piece-meal type work. Approximately 40 percent of the dollars in the revitalization program contributes to a reduction in DMAR.

To realize maximum benefit from available maintenance funds, the Army has reduced the maintenance and repair program in Germany to a level which will keep the dwelling units operational until closure decisions are finalized.

1. COMPONENT ARMY	FY 1994 MILITARY CONSTRUCTION PROJECT DATA  April 1993					
3. INSTALLATION AND LO Various Locations		al	4. PROJECT TITLE AFH Maintenance and Repair Projects over \$15,000 per Dwelling Unit			
5. PROGRAM ELEMENT 887420	6. CAT	EGORY CODE	7. PROJECT NUMBER Congressional Report Request \$2,010.			
		9. COST ES	1		1 1	
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
Projects for Repairs to  Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))			DU	78	-	\$2,010.0
						-

### 10. Description of Proposed Construction

Projects include work necessary to provide adequate family quarters by repairing/ replacing deteriorated building components, i.e., kitchen counters and cabinets, floors, walls, windows, mechanical, electrical, air conditioning and plumbing systems, kitchen and bath fixtures, roofing and exterior siding as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office.

### 11. Requirement for Project:

PROJECT: Provides repair in 78 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately

1. COMPONENT ARMY	FY 1994 MILITARY CONSTRUCTION PROJEC	T DATA 2. DATE April 1993
3. INSTALLATION AN	D LOCATION	
4. PROJECT TITLE		5. PROJECT NUMBER

<u>REQUIREMENTS:</u> Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component. Projects are at CONUS locations.

<u>CURRENT SITUATION</u>: These units vary in age up to 120 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Type of repairs to be performed are based on a cost analysis.

NOTE: This information is provided in accordance with the House Appropriation Committee, Report 102-74, 22 May 1991, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$15,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 94. Work required in historical family quarters, designated as historically significant, has been identified and is being performed in consultation with applicable State Historic Preservation Offices.

FY 1994 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

April 1993

1. COMPONENT

3. INSTALLATION AND LOCATION

Various Locations	- Continer	ntal					
4. PROJECT TITLE Army Family Hou over \$15,000 per I	-		Repair Proje	ects	5. P	ROJECT NUM P1920	BER
0ver \$15,000 per 1	Jwening C	mit (DO)					
DESCRIPTION OF WO	RK TO BE	ACCOMPLI	SHED				
STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR PAC
HAWAII							
FORT SHAFTER Historical (PN 13840)	1	1907	60.0	2737	2737	60.0	0.0
Repair dwelling u and electrical sy available	nit, Qua	rters 15, Total M&R	to include + PAC past	replacing 5 years:	existing Detailed	interior p prior cost	plumbing ts are not
ILLINOIS							
ROCK ISLAND Historical (PN 41100)	1	1905	30.0	8310	8310	30.0	0.0
Repair dwelling uroof, metal flash braces. This uni 5 years: \$86,277	t also i	rters 6, ters and on the column in the colum	to include : downspouts. n PN 41099 :	replacing Repair c and 41114.	existing as himneys and Total M&I	sphalt shi d ornament R + PAC pa	ingled tal iron ast
ROCK ISLAND Historical (PN 41099)	1	1905	70.0	8310	8310	70.0	0.0
Repair dwelling u including the wea Same unit as PN 4 + PAC past 5 year	1100. T	his unit :	to include : load cente: also include	replacing r, wiring, ed in PN 4	of the electron receptable 1100 and 43	ctrical sees and swi lll4. Tot	ervice itches. tal M&R
ROCK ISLAND Historical (PN 41114)	7	1872- 1905	18.6	5109	35,764	130.0	0.0
Repair dwelling u drainage system a repair cracks whi \$328,761.00.	nits, Quaround ext round ext le perime	arters 2, terior for eter is ex	3, 6, and 3 undation. T kcavated. 3	360 (4 uni Waterproof Total M&R	ts), by ins exterior : + PAC past	stalling I foundation 5 years:	PVC n and
New Jersey							
PICATINNY ARSEN	AL 22	1909- 1941	17.73	2118	46,597	390.0	0.0
Repair dwelling u storm doors. Tot						ows and ex	kisting
FORM		PREVIO	US EDITIONS MAY		ALLY		
DD 1 DEC 76 1391c			UNTIL E	XIIAUSTED		PAG	ENO. 117

I. COMPONENT	FY 1994	MILITAI	RY CONSTRUC	TION PROJ	JECT DATA	2. DATE Apri	1 1993
3. INSTALLATION AND LA	OCATION					•	
Various Locations	- Continer	ıtal					
. PROJECT TITLE					5.	PROJECT NUM	BER
Army Family Hou over \$15,000 per l			l Repair Proje	cts		P1920	
DESCRIPTION OF WO	ORK TO BE	ACCOMPLI	SHED				
STATE INSTALLATION	NO. D.U.	YEAR BUILT	(\$000) AVE D.U. COST	AVG D.U. <u>NSF</u>	TOTAL PROJECT NSF	(\$000) TOTAL CWE	(\$000) CONCUR PAC
TEXAS							
FT SAM HOUSTON Historical (PN 40534)	40	1909	15.75	4606	184,233	630.0	0.0
Repair dwelling u roof damage due t \$250,000.00.	nits to i	include c ng of the	racks in ext chimneys.	erior wal Total HE	lls due to R + PAC pa	settlemen st 5 years	t. Repai
FT SAM HOUSTON Historical (PN 38940)	1	1906	80.0	4613	4,613	80.0	0.0
Repair dwelling u limestone lintels attic and at exte have developed si	raftere	s, roofin ls. Thes	g and roof f	flashing. Ill correc	Install :	steel tie :	rods in ms which
VIRGINIA					••		
FT BELVOIR Historical (PN 41183)	7	1934	88.6	1852	12,964	620.0	0.0
Repair dwelling u repair the intern repair windows an exterior trim; re	nal electi nd exterio	rical sys or doors; k include	tem; repair repair the	one bath: refuse wall of asbe	room in ear all and dr. estos pipe	ch set of e	quarters; int n

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## ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATE SUBMISSION

SUMMARY OF ACTIONS TAKEN TO CONTROL AND REDUCE EXPENDITURES IN GENERAL/FLAG OFFICER QUARTERS (GFOQ), "HIGH-COST UNITS"

The Army operates and maintains 385 quarters designated for general officers. Occupants of these quarters come from all Services. Within CONUS, almost half of these units are over 75 years old and an additional 41 percent are between 50 and 75 years of age. The majority of our GFOQs were built prior to the current size limitations, therefore, they are generally larger than more contemporary structures.

Costs to operate these quarters continue to be closely scrutinized. It is our intent to ascertain that expenditures on these units, sometimes referred to as "high cost quarters", are wise and represent sound investments. Our efforts have focused on improving management, increasing occupant participation in controlling costs, and, in general, developing an awareness of "the cost to do business". Jointly, occupants and management exercise responsibility for the stewardship of these quarters by establishing a long range maintenance plan, which can be executed with a reasonable degree of certainty. This plan is updated every year and requires written concurrence from the occupant. Requests for work, not included in the long range plan, must have the occupant's personal signature before the work may be accomplished.

A regulation addressing all aspects of GFOQ management has been published. A copy of this regulation is provided to each occupant at the time the quarters are occupied. In addition, periodic communication with occupants through a variety of media, attempts to keep them informed and foster the prudent landlord concept. Annually, we conduct specialized training in the form of workshops. Also our major Army commands (MACOM) and many installations now have a single point of contact for matters concerning GFOQs.

Detailed cost accounting is maintained for each GFOQ. These costs are reviewed quarterly at the installation, semiannually at the MACOM, and annually at HQDA. In addition, the Secretariat reviews and approves all M&R projects which exceed \$15,000 and annual O&M costs in excess of \$50,000 per quarters in a fiscal year.

### DEPARTMENT OF THE ARMY

### FISCAL YEAR 1994

## GENERAL/FLAG OFFICER QUARTERS (GFOQs) WHERE ANTICIPATED MAINTENANCE AND REPAIR OBLIGATIONS WILL EXCEED \$25,000 PER DWELLING UNIT

This information is provided in accordance with the reporting requirement as stated in the Military Construction Appropriations Bill Report 102-580, June 18, 1992. This report provides information regarding the anticipated costs for those GFOQ's where maintenance and repair obligations in FY 94 are expected to exceed \$25,000 per dwelling unit. Annual lease costs are separately identified, where applicable. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. Improvements (post acquisition construction funding) are identified separately if they are proposed to be funded in FY 94. Leased quarters exceeding \$20,000 are included in the Army's high cost lease authority in accordance with Military Construction Authorization Law. All leases executed or renewed where costs exceed \$20,000 require approval by the Secretary of the Army. A semi annual report is submitted to Congress. Post-Acquisition Construction for prior 5 years is identified separately, as applicable.

STATE						
INSTALLATION	NET SOUARE	BIS-	YEAR	MAINT &		NEW
OTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

CALIFORNIA

Ft Mason (PN UF00763-3P)

2 Ft Mason 4034 yes 1863 \$48,800

Maintenance and repairs include service calls - \$2,700; recurring maintenance - \$1,700; interior painting - \$1,500; exterior paint-\$700; between occupancy maintenance - \$600; grounds maintenance -\$5,000; repair windows and screens - \$7,900; foundation repairs-\$28,700.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

	T SQUARE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLU						
4 Second Ave	3,169	yes	1903	\$91,500	-	_
5 Second Ave	3,197	yes	1903	\$91,500	-	-

Maintenance and repairs include service calls - \$3,000; change of occupancy maintenance - \$8,000; replacement of A/C unit \$16,500; repair/renovation of bathroom - \$17,300; repair/renovation of kitchen - \$23,000; exterior masonry repairs - \$2,500; repair fireplaces - \$2,800; replace fan coil units - \$18,400.

7 Second Ave	4,436	yes	1903	\$25,500	-	-
9 Second Ave	4,278	yes	1903	\$25,500	-	-
13 Second Ave	3,169	yes	1903	\$25,500	_	_
14 Second Ave	3.169	ves	1903	\$25,500	-	_

Maintenance and repairs include service calls - \$3,000; routine maintenance \$6,000; replacement of A/C unit - \$16,500.

### GEORGIA

Ft Benning (PN 41212) 100 Vibbert 6,118 yes 1918 \$34,200 -

Maintenance and repairs include service orders - \$1,100; recurring maintenance - \$4,000; interior painting - \$2,000; grounds maintenance - \$2,000; replacement of wooden balustrades \$8,900; and repair/replacement of porch and balcony - \$16,200.

Ft McPherson 11E Staff Row 3204 yes 1891 \$34,800 - -

Maintenance and repairs include service orders - \$2,300; recurring maintenance - \$1,000; grounds maintenance - \$1,000; repair and replacement of metal standing seam roof - \$28,000; replacement of downspouts - \$2,500.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

STATE
INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW OTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

GEORGIA (cont)

Ft McPherson (cont)
11W Staff Row 3204

yes 1891 \$41,400

Maintenance and repairs include service orders - \$2,300; recurring maintenance - \$1,300; repair fireplace - \$1,000; repair air conditioning drainage system - \$1,500; repair back porch - \$2,000; repointing masonry - \$300; repair/replacement of metal standing seam roof - \$28,000; replacement of downspouts - \$2,500; grounds maintenance - \$1,000; repair patio sidewalk - \$1,500.

HAWAII

Ft Shafter (PN 41037)

4 Palm Circle 4,480 yes 1907 \$101,000 -

Maintenance and repairs include service orders - \$3,000; interior painting - \$4,000; repair/replacement of exterior wood and painting of exterior surfaces - \$13,500; grounds - \$2,000; interior plumbing repairs, including repair/renovation of two bathrooms and laundry room - \$18,500; interior electrical repairs \$31,500; repair/replacement of drywall incident to electrical and plumbing repairs - \$28,500.

10 Palm Circle 4,609 yes 1907 \$31,000 -

Maintenance and repairs include service orders - \$2,000; change of occupancy maintenance - \$15,000; exterior painting - \$12,000; grounds - \$2,000.

Hickam AFB (PN 40074) 301 Julian 4,424 no 1941 \$63,200 -

Maintenance and repairs include service orders - \$2,600; A/C maintenance - \$1,000; interior electric repairs - \$6,000; recurring maintenance - \$2,100; exterior painting - \$10,000; driveway repairs and resurfacing - \$35,000; grounds \$5,000; design costs - \$1,500.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

STATE						
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
OTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	<u>LEASE</u>	WORK

HAWAII (cont) Pearl Harbor

\$26,800 33 Makalapa 2,616 no 1941

Maintenance and repairs include service orders - \$1,200; change of occupancy maintenance - \$2,700; replacement of canec ceilings \$20,900; grounds - \$2,000.

KENTHCKY

Fort Knox (PN 41057)

4,424 1 Fifth Ave 1939 \$40,700

Maintenance and repairs include service orders - \$500; recurring maintenance - \$1,100; replacement of the roof, downspouts and gutters - \$35,000; grounds \$2,000; and design costs - \$2,100.

(PN 41057) 1401 5th Ave 2,132 1939 \$29,200 no

Maintenance and repairs include service orders - \$400; recurring maintenance - \$1,100; design costs- \$2,700; grounds - \$2,000; repair of gutters and downspouts - \$1,000; interior painting and surface repairs - \$4,000; refinish floors - \$1,000; repair and renovate guest bath - \$3,000; insulate quarters - \$3,000; repair patio - \$1,500; repair sidewalk - \$1,500; renovate bathroom \$8,000.

(PN 41057) 1402 5th Ave 2,172 no 1934 \$42,900

Maintenance and repairs include service orders - \$400; recurring maintenance - \$1,100; design costs- \$3,900; grounds - \$2,000; repair of gutters and downspouts - \$1,000; interior painting and surface repairs - \$4,000; refinish floors -\$1,000; repair/renovate guest bath - \$3,000; insulate quarters - \$3,000; repair patio \$1,500; repair sidewalk - \$2,000; renovate bathroom - \$8,000; kitchen/pantry renovation - \$12,000.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OPFICER QUARTERS (continued)

STATE						
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
OTRS NO	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

NEW JERSEY

Picatinny Arsenal (PN 40981) 112 Joyes Ln 4,334 yes 1902 \$48,900 -

Maintenance and repairs include service orders - \$2,000; recurring maintenance - \$900; replacement of roof, flashing, downspouts and gutters - \$46,000.

NEW YORK

West Point (PN 41034)
100 Jefferson 10,558 yes 1820 \$79,100 -

Maintenance and repairs include service orders - \$3,100; routine maintenance - \$3,400; touch-up painting - \$500; exterior brick and wood repairs and painting of all exterior trim - \$62,000; grounds - \$4,100; design costs - \$6,000.

(PN 41034) 101 Jefferson 4,400 yes 1820 \$58,000 -

Maintenance and repairs include service orders - \$2,200; routine maintenance - \$3,400; exterior brick and wood repairs and painting of all exterior trim - \$45,000; grounds - \$3,400; design costs - \$4,000.

(PN 41034) 102 Jefferson 6,674 yes 1857 \$76,400 - -

Maintenance and repairs include service calls - \$2,200; routine maintenance - \$3,600; exterior brick and wood repairs and painting of all exterior trim - \$52,000; replacement of leaded glass windows and fireplace liner - \$7,000; installation of rear door overhang to divert water - \$2,500; grounds - \$4,100; design costs - \$5,000.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

COL ME

STATE INSTALLATION OTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
TEXAS	to= /DN 2027	1.				
	ton (PN 3927	•	1001	¢02 250		
2 Staff Pos		yes	1881	\$83,250	-	-
8 Staff Pos	t 3,749	yes	1881	\$83,250	-	-
9 Staff Pos	t 3.030	ves	1881	\$83,250	_	_
11 Staff Po		yes	1881	\$83,250	-	-

Maintenance and repairs include service calls - \$1,700; recurring maintenance - \$1,600; grounds - \$2,000; masonry restoration \$9,800; repair, replacement of roof - \$14,700; renovate kitchen \$28,000; renovate 3.5 bathrooms - \$20,000; replace hot water heater and domestic hot water pipes - \$2,950; repair fireplaces \$2,500.

(PN 39271) 6 Staff Post 5,876 yes 1881 \$118,450 -

Maintenance and repairs include service calls - \$1,900; recurring maintenance - \$1,600; grounds - \$2,000; masonry restoration - \$9,800; repair, replacement of roof - \$14,700; renovate kitchen \$28,000; renovate 4.5 bathrooms - \$20,000; replace hot water heater and domestic hot water pipes - \$2,950; replace A/C - \$35,000; repair fireplaces \$2,500.

(PN39271) 10 Staff Post 4,035 yes 1881 \$148,550 -

Maintenance and repairs include service calls - \$1,700; recurring maintenance - \$4,000; change of occupancy maintenance - \$2,900; grounds - \$2,000; masonry restoration - \$9,800; replacement of roof \$14,700; renovate kitchen - \$28,000; renovate 3.5 bathrooms-\$20,000; replace hot water heater and domestic hot water pipes-\$2,950; replace A/C - \$60,000; repair fireplaces \$2,500.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

STATE
INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW
OTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

TEXAS (cont)
Ft Sam Houston (cont)

(PN 40780) 416 Dickman 3,137

yes 1934 \$81,900

Maintenance and repairs include service calls - \$1,700; recurring maintenance - \$3,400; change of occupancy maintenance - \$2,000; interior painting - \$3,300; grounds - \$2,000; kitchen renovation \$14,000; repair/renovation of 3 bathrooms - \$20,000; repair gutters - \$6,000; repair/replace carport - \$8,000; replace cast stone - \$3,000; scrape, prepare and repaint all wrought iron railings - \$3,000; repair exterior plaster - \$7,000; repair fire places - \$2,500; replace domestic hot water heater and hot water pipes - \$6,000.

VIRGINIA

Fort Myer (PN 37155)

8 Grant Ave 4,057

yes 1903 \$35,000

Maintenance and repairs include service calls - \$3,000; change of occupancy maintenance - \$9,000; interior painting - \$8,000; repair/renovation of master and guest bathrooms - \$15,000.

12A Jackson 2,701 yes 1892 \$29,000 -

Maintenance and repairs include service call - \$3,000; change of occupancy maintenance - \$8,000; interior painting - \$5,000; waterproof basement - \$10,000; replace water chiller - \$3,000.

Fort Myer (PN 40637)

13B Jackson 1,973 yes 1903 \$39,800 -

Maintenance and repairs include service call - \$3,000; change of occupancy maintenance - \$8,000; interior painting - \$3,000; exterior painting - \$4,000; replacement of fan coil units-\$2,000; repair/renovation of kitchen - \$19,800.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

STATE
INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW
OTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

BELGIUM (BF 34.13)

Quarters One 10,411 yes 1800 \$100,508

Maintenance and repairs include service calls - \$13,078; recurring maintenance - \$6,930; interior painting and replacement of wallcovering - \$16,500; refinishing of wooden floors in three rooms - \$5,500; replacement of water softener - \$3,000; repair/renovation of bathroom - \$24,300; repair/renovation of family kitchen - \$28,200; improvements incidental to kitchen and bathroom repairs - \$3,000.

GERMANY (DM1,65) Heidelberg

26 Rheinstr 7,000 no 1963 \$53,861 -

Maintenance and repairs include service calls - \$1,700; routine maintenance - \$900; kitchen and service area repairs/renovation \$47,161; grounds - \$4,100.

JAPAN (Yen 124.38) Camp Zama (PN 41185)

Quarters 1000 4,195 no 1955 \$118,300 -

Maintenance and repairs include service calls - \$1,200; change of occupancy maintenance - \$3,000; interior painting - \$8,600; incidental improvements - \$3,000; grounds - \$2,800; design costs \$1,700; repair/renovation of kitchen - \$65,000; repair/upgrade master bath - \$25,000; replacement of entertainment area A/C \$8,000. Area cost factor for Japan is 1.6.

KOREA (Won 797.45) Seoul (PN41652)

Quarters 4401 3,447 no 1959 \$144,100 -

Maintenance and repairs include service calls - \$700; teagu screen doors - \$6,800; replacement of exterior facia board - \$3,000; repair of garage roof - \$4,000; furnace repairs - \$1,000; partial interior painting - \$1,500; kitchen, pantry, and laundry room renovation - \$59,600; renovation of three bathrooms- \$52,500; overhead, supervision, and inspection - \$12,000; minor improvements incidental to kitchen and bathroom repair projects- \$3,000.

### DEPARTMENT OF THE ARMY FISCAL YEAR 1994 GENERAL/FLAG OFFICER QUARTERS (continued)

STATE						
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
OTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

PANAMA

Quarry Heights
Quarters # 1 3,865

no 1914 \$61,450 -

Maintenance and repairs include service orders - \$5,200; recurring maintenance and change of occupancy - \$8,750; interior painting - \$3000; kitchen floor replacement - \$1,100; replacement of wooden structural members and supports -\$12,000; replacement of exterior wooden siding - \$13,300; repair replacement of bathroom fixtures - \$1,600; replacement of domestic hot water heaters and coolers - \$3,100; replacement of interior staircase - \$7,000; replacement of storage room roof and rafters - \$5,100; grounds maintenance - \$1,300.

With the exception of Quarters 26 Rheinstrasse, Heidelberg, no other quarters located in Germany were included in this budget submission, pending final basing plans. The

- \* Army will submit separately
- notification should it become
  necessary to perform maintenance
- \* and repairs exceeding \$25,000 in any quarters during FY 94. It is our strategy to make investments only in those family quarters that are supported by long-term stationing plans.

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES REIMBURSABLE AUTHORITY

	(	\$ In Thousands	1
FY	1994	Program	\$18,000
FΥ	1993	Current Est	\$16,000

The reimbursable program provides for the collection of costs for utilities and services, annual routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following chart shows the source of receipts for the family housing account.

	FY 92	FY 93	FY 94
Non-Federal Sources	10,800	10,800	12,800
Other Defense Agencies	3,200	3,200	3,200
Non-Defense Agencies	2,000	2,000	2,000

### ARMY FAMILY HOUSING FISCAL YEAR 1994 LEASING PROGRAM

(\$ In Thousands)
FY 1994 Program \$268,139
FY 1993 Current Est \$358,241

### PURPOSE AND SCOPE

The purpose of the family housing leasing program is to provide housing at both domestic and foreign locations when the local economy cannot provide adequate support and additional assets are needed to satisfy a housing deficit. The leasing program is authorized by 10 U.S.C. 2828 and provides for the payment of rent and operation and maintenance costs of privately owned quarters for assignment as government quarters to military families. This program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where the private sector rental markets cannot meet requirements and cost effective alternatives do not exist, short and long-term leases are used. In high cost areas and overseas, the Army relies extensively on the leasing program to obtain housing at prices service members can afford.

### PROGRAM SUMMARY

Authorization is requested for the appropriation of \$268,139,000 to fund leases and related expenses in FY 94. A summary of the leasing program follows:

	FY	92	FY	93	F	7 94
	Lease Author		Lease Authori		Lease Authori	
Domestic	zation	s \$000	zations	\$000	zations	\$000
Leases	3,334	6,382	3,334	31,889	3,334	8,996
Section 2835	4,280	57,238	4,280	58,966	4,280	60,819
Foreign Leases	39,826	328,922	39,826	267,386	39,826	198,324
TOTAL	47,440	\$392,542	47,440	\$358,241	47,440	\$268,139

Funds are required for the average number of units to be occupied during each fiscal year (determined by dividing by 12 the number of lease months occupied) as follows:

	Average	Average	Average
	No. of Units	No. of Units	No. of Units
	FY 92	_FY 93_	FY 94
Domestic	572	3,045	745
Section 2835	4,098	4,280	4,280
Foreign	16,643	13,053	10,667
GRHP	6,138	3,822	3,422
TOTAL	27,451	24,200	19,114

### JUSTIFICATION:

<u>Domestic Leasing:</u> The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. For example, Oahu's leasing program will provide interim relief for service members assigned to this location pending completion of AFH construction programs on the Island. The average number of domestic leases is programmed to peak in FY 93 to accommodate the great number of Army personnel returning from Europe and other locations.

Section 2835 (Formerly Section 801): The Army has implemented the domestic build-to-lease program at eight installations. Under this program the Army leases family housing units from a contractor for up to 20 years. The units are then assigned as military housing to soldiers and their families. This program is helping to reduce our CONUS family housing deficit at sites where Army families are the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. FY 94 budget will support 4,280 occupied units.

<u>Foreign Leasing:</u> The FY 94 foreign leasing program request consists of 14,089 foreign leases, to include 3,422 units for the Government Rental Housing Program (GRHP) in the European Theater, at the currency rate of 1.65DM = \$1.00. Lease extensions are approved on a year-to-year basis.

Governmental Rental Housing Program (GRHP): Under GRHP, the U.S. Government leases existing individual housing units in Europe. There is no construction period as with the build-to-lease projects. The Army negotiates, executes and manages the lease contracts; assuming responsibility for all costs (deposits, rent, utilities, maintenance and services); and paying for damage claims (Army recovering from soldiers). The soldier forfeits all housing allowances and agrees to occupy off-post housing for the entire tour. The lease is terminated when the soldier's tour ends. This program allows soldiers to be housed quickly, without large out-of-pocket expenses.

### RECONCILIATION OF INCREASES AND DECREASES

		1.311
1.	FY 1993 President's Budget Request	\$358.2
2.	FY 1993 Appropriated Amount	358.2
3.	FY 1993 Current Estimate	358.2
4.	Program Decreases a. Reduction in domestic leasing (-21.0) b. Reduction in foreign leasing (-69.1)	90.1
5.	FY 1994 Budget Estimate	268.1

<u>Rationale for Changes in the Leasing Account</u>

Program decreases reflect the impact of troop reductions and realignments.

The types of Army family housing used in each locality depend upon available assets, often a mix of private rentals, government-owned, and leases; therefore, full authorization is required to allow for sufficient flexibility.

Following is a summary of authorizations and funds required:

				ARMY FAN FISCAL Y LEASING	ARMY FAMILY HOUSING FISCAL YEAR 1994 LEASING PROGRAM	9 S			
	Units	FY 92 Months	;	Units	FY 93 Months		Units	FY 94 Months	
	Authorized	Purchsd	(\$000)	Authorized	Purchsd	(2000)	Authorized	Purchsd	(2006)
DOMESTIC LEASING	!			!			;	,	
rt Campbell, KY	8	864	9	345	4,140	3,450	340	4, 40	3,380
Ft Hood, TX	220	1,800	1,567	220	1,200	1,378	220	0	0
Griffiss AFB, NY	100	1,200	1,000	0	0	0	0	0	0
Los Angeles Basin, CA	0	0	0	100	1,200	1,300	150	1,800	2,028
Oahu Consol FH Ofc, HI	250	3,000	3,108	250	3,000	3,250	250	3,000	3,380
Contingency Allocations	2,669			2,419	27,000	22,511	2,369	0	0
Subtotal Domestic Leasing	3,334	6,864	6,382	3,334	36,540	31,889	3,334	8,940	8,996
Section 2835 (801)	4,280	49,176	57,238	4,280	51,360	996'89	4,280	51,360	60,819
Total Domestic Leasing	7.614	56,040	\$63,620	7.614	87,900	\$90,855	7,614	60,300	\$69,815
FOREIGN LEASING									
Korea	1,694	12,960	20,212	1,694	15,048	21,406	1,694	15,048	20,582
Panama	200	1,200	1,049	200	840	692	200	840	764
USAREUR									
Belgium	258	3,096	3,671	268	3,216	4,222	285	3,420	3,947
Germany	17,245	167,820	198,996	17,235	126,120	165,554	17,218	97,320	112,318
Greece	-	12	8	-	12	ଷ	-	0	0
Italy	856	10,272	12,180	826	8,472	11,121	826	8,400	9,694
Netherlands	320	3,840	4,554	320	2,460	3,229	320	2,424	2,797
Turkey	17	132	157	17	132	173	17	132	152
Subtotai	18,697	185,172	219,578	18,697	140,412	184,319	18,697	111,696	128,908
Govt Rental Hsg Prgm, Eur	19,200	73,656	87,340	19,200	45,864	60,207	19,200	41,064	47,393
USAREUR Total	37,897	258,828	306,918	37,897	186,276	244,526	37,897	152,760	176,301

ARMY FAMILY HOUSING FISCAL YEAR 1994 LEASING PROGRAM

	(2000)		37	56	0	44	32	40	50	23	51	17	09	16	34	52	30	27	63	Ξ	0	0	15	8	18	40	13	229	198,324	268,139
FY 94 Months	Purchsd		24	12	0	24	12	24	12	12	24	12	36	24	12	24	24	12	48	12	0	0	12	12	12	24	12	420	169,068	229,368
Units	Authorized		2	-	0	2	-	2	-	-	2	-	ო	2	-	7	2	-	4	-	0	0	-	-	-	2	-	35	39,826	47,440
	(2000)		44	32	0	38	36	42	21	27	99	21	88	0	35	54	0	31	99	0	0	0	21	0	21	42	0	685	267,386	358,241
FY 93 Months	Purchsd		24	12	0	12	12	24	12	12	24	, 12	. 48	0	12	24	0	12	48	0	0	0	12	0	12	24	0	336	202,500	290,400
Units	Authorized		2	-	0	2		2	-	-	67	2	9	0	-	2	_	-	4	-	0	0	-	-	-	2	0	35	39,826	47,440
	(2000)		42	30	34	37	36	40	20	26	34	41	85	0	34	52	0	30	63	0	0	47	20	12	20	40	0	743	328,922	392,542
FY 92 Months	Purchsd		24	12	12	12	12	24	12	12	12	24	48	0	12	24	0	12	48	0	0	24	12	12	12	24	0	384	273,372	329,412
Units	Authorized		2	-	-	2	-	7	-	-	-	2	9	0	-	2	0	_	4	0	0	2	-	-	-	2	0	35	39,826	47,440
	7	FOREIGN AREA OFFICERS	Bangladesh	Botswana	Budapest	Cameroon	Czech(Prague)	Egypt	India	Indonesia	Israel	Ivory Coast	Jordan	Korea	Malawi	Morocco	Netherlands	Niger	Pakistan	Portugal	Senegal	Sudan	Tunisia	Turkey	Yugoslavia	Zaire	Zimbabwe	DAMO Total	Total Foreign Leasing	TOTAL LEASING PROGRAM

ARMY FAMILY HOUSING FY 94 Section 2835 (801) Family Housing Summary (Dollars in Thousands)

FY of		Date	Total	2	>	FV 94	FY 94	Androp
_		or Full Occup	Cost	2 S	Units	Cos	Units	Request
84 Dec	Dec 85 N	Nov 87	2,820	2,820	300	2,820	300	2,820
84 Ma	Mar 86 Ji	Jun 88	2,541	2,541	300	2,541	300	2,541
85 Au	Aug 85 D	Dec 87	18,016	17,927	1,400	18,016	1,400	18,016
J.	Jan 86 C	Oct 87	12,620	12,000	400	12,620	400	12,620
98	Sep 86	Jun 88	2,820	2,820	300	2,820	300	2,820
98 S	Sep 86 J	Jun 88	3,860	3,842	300	3,860	300	3,860
87 M.	May 88 N	Nov 89	4,733	4,500	150	4,733	150	4,733
87 M8	May 88 M	May 89	3,860	3,841	300	3,860	300	3,860
87 Se	Sep 89	Jun 91	1,875	1,803	150	1,875	051	1,875
88 Se	Sep 89	Jun 91	1,875	1,803	150	1,875	150	1,875
88 Se	Sep 89 F	Feb 92	1,373	1,361	80	1,373	80	1,373
88 Se	Sep 91 M	May 93	2,633	2,227	250	2,633	250	2,633
88 Se	Sep 91 A	Apr 93	1,793	1,481	200	1,793	200	1,793
ď.	₹ Z	₹ Z	60,819	58,968	4,280	60,819	4,280	\$60,819

ARMY FAMILY HOUSING FY 94 Summary Sheet for High Cost Leases

ADJUSTED** FY 94 CAP	\$25,368	\$24,970	\$23,061	\$22,299	\$25,189
FY94	33.720	1.650	1234.110	261.000 *	1.850
FY88	42.770	2.060	1423.000	291.000	2.330
FOREIGN CURRENCY	Franc	Deutsche Mark	Lira	Central	Guilder
HIGH COST LEASES	19	-	က	-	ო
LEASES	285	8,110	200	-	202
COUNTRY	Belgium	Germany	Italy	Ivory Coast	Netherlands

\*Source of rate information - Department of State.

\*\* The adjusted high cost cap is determined by multiplying \$20K times the FY 88 exchange rate divided by the FY 94 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed

## ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES DEBT PAYMENT

(\$ In Thousands)
FY 1994 Program \$429
FY 1993 Current Est \$177

## Purpose and Scope

This program includes payment of mortgage principal, interest, and other expenses on remaining indebtedness for acquired Wherry housing and payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel for housing purchased by them.

## Program Summary

Authorization is required for the appropriation of \$429,000 in FY 1994 for the following:

## WHERRY HOUSING

This program includes payments of mortgage principal, interest and other expenses related to Wherry Housing. The FY 1994 budget includes \$412,000 for payoff on the one remaining mortgage at Ft. Huachuca, AZ. Although the scheduled payoff date is 1 January 1997, paying off the mortgage at this time will result in a savings of \$31,000 in interest payments alone, plus costs involved in various recordkeeping transactions on this mortgage. A summary of debt payment requirements for Wherry Housing is listed separately.

## SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. The Department of Housing and Urban Development stopped processing applications for servicemen's mortgage insurance premiums as of 31 March 1980 with the discontinuance of Section 222 of the Housing Act.

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## ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES DEBT PAYMENT

TOA:	FY 92	FY 93	FY 94
Interest and Other Expenses			
Wherry SUBTOTAL	26 26	$\frac{32}{32}$	6
Mortgage Insurance Premiums Servicemen's SUBTOTAL	18	18	11
Total Obligating	44	50	17
Authority FINANCING ADJUSTMENTS:	0	0	0
BUDGET AUTHORITY:	44	50	17
BUDGET AUTHORITY:  Appropriation: Portion Applied to Debt Reduction:	169	177	429
Wherry SUBTOTAL	125 125	127 127	$\frac{412}{412}$
Appropriation (Adjusted)	44	50	17
FY 1994 Appropriation Recapitulation			
Wherry (Payoff) Servicemen's Mortgage Insurance Premiums TOTAL			$\frac{11}{429}$

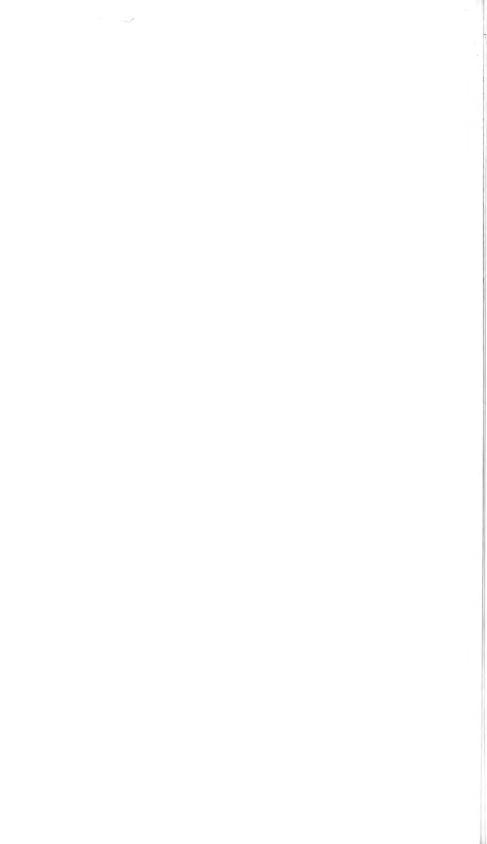
PAGE NO. 140

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES ANALYSIS OF WHERRY HOUSING \_(\$000)\_

	FY 92	_ FY 93	FY 94
Total Debt Incurred	154,892	154,892	154,892
Debt retired prior years	154,228	154,353	154,480
Unpaid balance beginning of year	664	539	412
Estimated Debt retired during year (principle payments)	125	127	412
Estimated interest payments during year	26	32	6
Unpaid balance end of year	539	412	0
Number of mortgages outstanding beginning of year	1	1	0
Number of mortgages outstanding end of year	1	1	0

# ARMY FAMILY HOUSING FY 1994 BUDGET ESTIMATES DEBT PAYMENT SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

(\$ 000) ESTIMATED ÉSTIMATED MORTGAGES ESTIMATED AVERAGE PAYMENT FISCAL YEAR ON HAND TERMINATIONS PAYMENT FOR YEAR 1991 420 18 229 45 1992 191 19 94 18 1993 172 17 104 18 1994 155 16 71 11



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## PART III HOMEOWNERS ASSISTANCE

TAB	DESCRIPTION	PAGE	NUMBER
1. 2.	TABLE OF CONTENTS  BUDGET APPENDIX EXTRACT  PROGRAM AND SCOPE  PROGRAM SUMMARY  PROGRAM FINANCIAL STATEMENT  PROGRAM AND FINANCIAL SCHEDULE	•	1 2 3
	OBJECT CLASSIFICATION SCHEDULE		5

PAGE NO. 1

## HOMEOWNERS ASSISTANCE FUND, DEFENSE

## (In Thousands)

FY 1992 Actual \$ 27,471 FY 1993 Estimate \$138,000 FY 1994 Estimate \$151,400

## Program and Scope

This fund finances the program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the affect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses market conditions and overall economic conditions relative to the closure or reduction action, and includes appraisal of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase of dwelling by liquidating or assuming the outstanding mortgage. Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

## Program Summary

The FY 1994 budget requests \$151.4 million in appropriation budget authority. This represents an increase of \$13 million over the FY 1993 funded program. Program increases are the result of the additional bases and installations approved for closures and realignments. Future base closure actions will continue to have a significant impact on this account.

The fund is not a profit-making endeavor. Even though the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor fund the projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds are required to maintain its solvency as a contingency fund. The FY 1994 budget request of \$151.4 million, is necessary to complete current programs, fund programs generated by realignments that do not require Congressional approval and fund programs generated by the 1991 Base Realignment and Closure Announcements (BRAC II).

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, revenue from resale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sale; cost of a judicial foreclosure; property acquisition by liquidating and/or assuming the outstanding mortgage; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties on which the government had assumed the mortgage; and administrative expenses.

Many factors and circumstances influence the residential real estate market nationwide and HAP financial requirements. These influences are sensitive and unpredictable. The Budget Enforcement Act of 1990 (BEA) changed the way borrowing authority is scored in the budget. HAP has standing indefinite authority to assume mortgages and exercise borrowing authority. Although this may still be used, due to the BEA, the caps on spending in the mandatory federal budget accounts cannot be exceeded without the potential for a sequester action. Consequently, borrowing authority can only be used in the amount anticipated and scored in the budget.

£	The chart below is a summary of the funding for the FY 1992, FY 1993 and FY 1994	d FY 1994		
	PROGRAM FINANCIAL SUMMARY	INANCIAL S	SUMMARY	
Ħ	HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 1992	FY 1993	FY 1994
ï	PROGRAM RESOURCES			
	New Appropriation Requested Indefinite Borrowing Authority	84,000,000 0	133,000,000 5,000,000	151,400,000 0
	Total Budget Authority Requested	84,000,000	138,000,000	151,400,000
11	REIMBURSABLE RESOURCES			
	Reimburable Authority	1,000	•	0
Ħ	OTHER PROGRAM RESOURCES			
	Prior FY Unobligated Balance Brought Forward Anticipated Revenue from Sale of Real Property Appropriation Transfers Recovery of Prior Year Balances	7,476,000 11,908,000 0 32,000	74,575,000 5,500,000 0	80,835,000 20,000,000 0
Ŋ.	. TOTAL PROGRAM RESOURCES	103,417,000	218,075,000	252,235,000
>	PLANNED PROGRAM EXECUTION			
	Payments to Homeowners Other Operating Cost Acquisition of Real Property Mortgages Assumed Retirement of Debt — Authority Withdrawn	1,587,000 7,046,000 18,839,000 0 1,370,000	7,334,000 29,596,000 91,070,000 5,000,000 4,240,000	5,755,000 24,604,000 127,393,000 0 1,301,000
7	VI. TOTAL PLANNED PROGRAM EXPENSE	28,842,000	137,240,000	159,053,000
Z	VII. ANTICIPATED EOY UNOBLIGATED			
	Balance Carried Forward	74,575,000	80,835,000	93,182,000

Homeowners Asst Fund, Def. Program and Financing (in Thousands of dollars)

Identif	•	1935 901001		
_	Program by activities:			
1010.10	Perment to homeowners (private sale and foreclosure assistan	1,587	7,334	5,755
01.0201	Other operating costs	7,045	29,596	24,604
02.0101	Acquisition of real property	16,839	91,070	127,383
02.0201	Mortgages sesumed		9,000	
02.9101	Total program	27,471	133,000	157,752
03.0101	Relimbursable progress	-		
10.0001	Total obligations	27.472	133,000	157,752
_	financing: Offeeting collections from:			
1.0001	Federal funds(-)	-		
14.0001	Non-federal sources(-)	-11.908	-5,500	-20,000
10001	Recovery of prior year obligations Unobligated balance everlable, start of year:	-33		
21.9001	Unobligated balance, SOY: Fund balance	-7.476	-74,575	-80.835
1000	Undoligated balance available, end of year:	74.575	80.835	93, 182
32.4701	Balance of authority to borrow withdrawn	1,370	4.240	1,30
99.0001	Budget suthority	84,000	138,000	151,400
40.0001	Budget authority: Appropriation Authority to borrow (indefinite)	84,000	133,000 5,000	
	Relation of obligations to outlays: Obligations incurred	15,563	127,500	
72.9001	Obligated balance, start of year:Obligated balance, start of year, fun Obligated balance, and of year. fund be	4.541	-83.177	-141.511
9.00	Adjustments in unexpired accounts Adjustments in unexpired accounts			
90.0001	Outleys (net)	996.6		69.418

Homeowners Asst Fund, Def. Object Classification (in Thousands of dollars)

Identif	Identification code 97-4090-0-3-051	Identification code 97-4090-0-3-051 1994 ast, 1994 ast.	1992 actual	1992 actual 1993 est.	1994 est.
	Direct obligations: Personnel compensation:	Direct obligation:			
11.601	111.601 Special personal services payments	vices payments	1,600	5,654	10.474
121.001	121.001 Travel and transportation of persons	tion of persons	227		
125.204	Other		60.00	18 762	78 960
132.001	132.001 Land and structures		18.839	101.070	83 992
142.001	142.001 Insurance claims and indemnities	Indemnities	1.587	7,334	6,755
					***************************************
100.001	199.001 Total Direct obligations	92	27,471	133,000	157,752
R 225.204	Reimbursable obligations: Other services: Other	ï	-		
100.001	299.001 Total Reimbursable obligations	igetions	-		
9	000			:	i
	lotal colligations		27,472	133,000	157,752

## FY 1994 BUDGET ESTIMATES APRIL 1993

## **ARMY NATIONAL GUARD**





## MILITARY CONSTRUCTION PROGRAM FY 1994

JUSTIFICATION DATA SUBMISSION TO CONGRESS

**DEPARTMENT OF THE ARMY** 

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# SUMMARY PROJECT LIST MAJOR MILITARY CONSTRUCTION ARMY NATIONAL GUARD FISCAL YEAR 1994 - (DOLLARS IN THOUSANDS)

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	DD FORM 1391 <u>PAGE</u>
	INSIDE THE UNITED	STATES		
ALABAMA	EGLIN AFB (FLORIDA) MULTIPURPOSE RANGE COMPLEX (MPRC), UPGRADE	3,825	3,825	3
	MOBILE ORGANIZATIONAL MAINTENANCE SHOP ADDITION	502	502	11
	STATE TOTAL	4,327	4,327	
ARKANSAS	CAMP ROBINSON (NORTH LITTLE RO	ск)		
	RENOVATION	1,275	1,275	15
	ARMORY	3,205		19
	SANITARY SEWER IMPROVEMENT	4,223	4,223	25
	MODIFIED RECORD FIRE RANGE	907	907	29
	STATE TOTAL	9,610	9,610	
HAWAII	KAUAI			
	KNOWN DISTANCE RANGE UPGRADE	334	334	120
	STATE TOTAL	334	334	
IDAHO	GOWEN FIELD (BOISE) COMBAT VEHICLE TRANSITION			
	COMPLEX	5,044	5,044	33
	USPFO ADMIN OFFICE  4 WAREHOUSE ADD  HOMEDALE	1,391	1,391	37
	ARMORY	1.157	_1,157	43
	STATE TOTAL	7,592	7,592	

i

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	DD FORM 1391 <u>PAGE</u>
INDIANA	ATTERBURY RESERVE FORCES TRAINING AREA (EDINBURGH) INFANTRY SOUAD BATTLE			
	COURSE (RETS) MODIFIED RECORD FIRE	1,156	1,156	47
	RANGE (RETS), UPGRADE	654	654	51
	STATE TOTAL	1,810	1,810	
MAINE	NORWAY			
	ARMORY EXPANSION/REHAB	1,380	1,380	55
	STATE TOTAL	1,380	1,380	
MARYLAND	TOWSON			
MARIDAND	ARMORY ALTER/ADDITION	2,823	2,823	61
	STATE TOTAL	2,823	2,823	
MINNESOTA	CAMP RIPLEY (LITTLE FALLS)			
	MULTI PURPOSE RANGE COMPLEX (HEAVY) (RETS) ORGANIZATIONAL MAINTENANCE	3,185	3,185	65
	SHOPS	2,625	2,625	73
	STATE TOTAL	5,810	5,810	
MISSOURI	FORT CROWDER			
	TROOP MEDICAL TRAINING FACILITY	386	386	120
	STATE TOTAL	386	386	
MONTANA	FORT HARRISON (HELENA)			
	MEDICAL UNIT TRAINING FACILITY	501	501	77
	STATE TOTAL	501	501	• •
	STATE TOTAL	301	301	

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	DD FORM 1391 _PAGE
NORTH CAROLI	INA FAYETTEVILLE ORGANIZATIONAL MAINTENANCE SHOP	473	473	81
	STATE TOTAL	473	473	
NORTH DAKOTA	A BISMARCK			
	AVIATION C-12 HANGAR CAMP GRAFTON (DEVILS LAKE) MODIFIED RECORD FIRE RANGE	1,297	1,297	85
	(RETS)	1,038	1,038	89
	HEATING PLANT ADDITION	1.826	1.826	93
	STATE TOTAL	4,161	4,161	
UTAH	CAMP WILLIAMS (LEHI) INFANTRY SQUAD BATTLE COURSE (RETS) MILITARY OPERATIONS IN	1,066	1,066	99
	URBANIZED TERRAIN (MOUT) ASSAULT COURSE	850	850	103
	STATE TOTAL	1,916	1,916	
VARIOUS	VARIOUS/WORLDWIDE LOCATIONS ARMORY UNIT STORAGE BUILDINGS INDOOR RANGE MODERNIZATION STATE TOTAL	750 <u>637</u> 1,387	750 <u>637</u> 1,387	105 107
- VERMONT	CAMP JOHNSON (COLCHESTER) ORGANIZATIONAL MAINTENANCE SHOP ETHAN ALLEN TRAINING SITE, SUPPORT FACILITY	1,002	1,002	113
	STATE TOTAL	1,306	1,306	120

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	DD FORM 1391 PAGE
WASHINGTON	YAKIMA TRAINING CENTER (YAKIMA) MODIFIED MACHINE GUN RIFLE/ RANGE (RETS)	1.527	1,527	117
	STATE TOTAL	1,527	1,527	
TOTAL MAJOR	CONSTRUCTION	45,343	45,343	
SUPPORT:				
	PLANNING AND DESIGN MINOR CONSTRUCTION	522 5.000	522 5,000	121 123
	SUBTOTAL SUPPORT	5,522	5,522	
GRAND TOTAL	AUTHORIZATION/APPROPRIATIONS	50,865	50,865	

## NEW MISSION / CURRENT MISSION FISCAL YEAR 1994

Location	Project	Cost (\$000)	New/ <u>Current</u>
Eglin AFB (Florida), AL	Multipurpose Range Complex (MPRC) Upgrade	3,825	c
Mobile, AL	Organizational Maintenance Shop Add	502	С
Camp Robinson (N. Little	Training Site, Utilities Renovation	1,275	С
Rock), AR	Armory	3,205	N
	Sanitary Sewer Improv	4,223	С
	Modified Record Fire Range	907	С
Kauai, HI	Known Distance Range Upg	334	С
Gowen Field,	Combat Vehicle Trans Cmplx	5,044	N
(Boise), ID	USPFO Admin Ofc & Whse Add	1,391	С
Homedale, ID	Armory	1,157	С
Atterbury ARFTA, (Edinburgh), IN	Infantry Squad Battle Course (RETS)	1,156	С
	Modified Record Fire Range (RETS) Upgrade	654	С
Norway, ME	Armory Expan/Rehab	1,380	С
Towson, MD	Armory Alt/Add	2,823	N
Camp Ripley (Little Falls), MN	Multi Purpose Range Complex (Heavy) (RETS)	3,185	С
	OMSs	2,625	С
Fort Crowder, MO	Troop Medical Tng Facil	386	С
Fort Harrison (Helena), MT	Medical Unit Tng Facil	501	C
Fayetteville, NC	Organizational Maint Shop	473	С
Bismarck, ND	Aviation, C-12 Hanger	1,297	N
Camp Grafton (Devils Lake), ND	Modified Record Fire Range (RETS)	1,038	С
	Heating Plant Addition .	1,826	С
Camp Williams	Infantry Squad Battle Crse	1,066	С
(Lehi), UT	MOUT Assault Course	850	С
Camp Johnson (Colchester), VT	Organizational Maint Shop	1,002	С
Ethan Allen, VT	Train Site, Support Facil	304	С
Yakima Tng Ctr (Yakima), WA	Modified Machine Gun / Rifle/Range (RETS)	1,527	c

## Recapitulation:

Total New Mission Total Current Mission	12,369 31.587
Total Various Locations (Armory Unit Storage Buildings)	750
Total Various Locations (Indoor Range Modernization)	637
Total Planning & Design	522
Total Minor Construction	5,000
Grand Total	50,865

#### DEPARTMENT OF THE ARMY

## JUSTIFICATION OF ESTIMATES FOR 1994

## APPROPRIATION LANGUAGE

## MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, as authorized by Chapter 133 of Title 10, United States Code, as amended, and the Reserve Forces Facilities Act \$ 50,865,000 (\$214,989,000) (1)(2) to remain available until 30 September 1998 (30 September 1997).

## Section 2 - EXPLANATION OF LANGUAGE

- Insertion of the FY 94 budget request. Deletion of the FY 93 appropriation. (1)
- (2)

		Budgat CONSTRU	Budgat Plan (amounta for MILIT CONSTRUCTION actiona programed)	Budgat Plan (amounta for MILITARY CONSTRUCTION actions programed)
ntif	Identification code 21-2085-0-1-051	1992 actual	1992 actual 1993 est. 1994 est.	1994 est.
-	Program by activities:			
00.0101	Major construction	111 010	****	
00.0201	Minor construction	11.01	204,489	45,343
00.0301	Planning	12,300		522
9101	Total direct program	230,517	214,989	50,865
10.000	Total	230,517	214,989	50,865
17.0001	Financing: 77.0001 Recovery or prior year obligations 31.4002 For completion of prior year budget plans			
21.4009	Reprograming from/to prior year budget plans Unobligated balanca available, and of year: For commission of prior was budget plans	-5,018		
25.0001	Unobligated balance expiring	757		
40.0001	40.0001 Budget authority (Appropriation)	226,256	214,989	50,865
71.0001 72.4001 74.4001 78.0001	Ralation of obligations to outlays: 00 ligations frourned 00 ligated balanca, atant of year 00 ligated balanca, and of year 4djustments in expired accounts (net)	,		
1000.06	Outlays (net)			

O7 MAR 93

REPORT 21

2085a

viii

			Obligations	100
Identific	Identification code 21-2085-0-1-051	1992 actual	1992 actual 1993 est. 1994 est.	1994 est.
å	Program by activities: Direct program:	. # 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
00.0101	Major construction	220,882	349,714	140, 164
00.0201	Minor construction Planning	9.027	8.073	4,170
		# · /	999.71	2.0.2
90.9101	Total direct program	237,023	370,473	146,406
10.0001 Total	Total	237,023	370,473	146,406
Ī	Financing:			
17.0001	Recovery of prior year obligations Unobligated balance available start of year.	-14,363		
21.4002	For completion of prior year budget plans	-306 252	200 000	202 631
21,4009	Reprograming from/to prior year budget plans Unobligated balance available, end of year		200	200.55
25.0001	For completion of prior year budget plans Unobligated belance expiring	309,090	153,606	58,065
40.0001	Budget authority (Appropriation)	226,256	214,989	50,865
Re 71.0001	Relation of obligations to outlays: Obligations incurred Obligations landered	237,023	370.473	370,473 146,406
	Doligated balance, and of year. Adjustments in explicad accounts (net)	- 263,814 - 528 - 14,363	-329, 169	-207, 175
1000.06	Outlays (net)	239,366	305.118	268.400

O7 MAR 93

REPORT 21

Identification code	Identification code 21-2085-0-1-051	1992 actual	1992 actual 1993 est. 1994 est.	1994 est.
Ofrect obligations:	lat fors:			
Parsonnel	Parsonnel compensation:	i		
111,501 Other pa	111,501 Other personnel compensation	16		
Other sarvices:	/fce8:			****
125.204 Other		6.129		
126.001 Supplies a	Supplies and materials		= 8	
131.001 Equipment		400	9 6	141 781
132,001 Land and structures	tructures	230,863	200.002	;
198.001 Total Direct obligations	act obligations	237,023	370,473	146,406
see on Total obligations	and the same	237,023	370,473	146,406

## SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT: The military construction projects proposed in the program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution programs at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria. ENERGY CONSERVATION: Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy savings devices. Projects are designed for minimum energy consumption.

FLOOD PLAIN MANAGEMENT AND WETLANDS PROTECTION: Proposed land acquisition disposition, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order No. 11988 and 11990.

<u>DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:</u>
In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

<u>PRESERVATION OF HISTORICAL SITES AND STRUCTURES:</u> Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places except as noted on DD Form 1391.

<u>USE OF EXCESS SCHOOLS AND OTHER BUILDINGS</u>: Considerations were made to utilize available commercial or academic buildings but none were found suitable.

ENVIRONMENTAL PROTECTION: In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

<u>ECONOMIC ANALYSIS</u>: Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

NON-MILCON CONSTRUCTION: \$71.0 Million in the FY 94 Real Property Operations and Maintenance program will maintain 27,969,546 SF in 4,962 logistical support buildings. Furthermore, it supports 263 training sites (12,423 buildings totaling 36,268,171 SF) in the 54 states, territories and commonwealths used by the ARNG, and other DOD component forces. The funding The funding is dedicated to Annual Recurring Requirements of \$69.2 Million and routine or emergency maintenance and repair projects of approxi-mately \$36.8 Million. No funding is dedicated to the containment and reduction of Backlog of Maintenance and Repair (BMAR). BMAR will grow from \$113.1 Million in FY 93 to a projected \$153.9 Million in FY 94.

LONG-TERM FACILITIES CONTRACTS: The any long-term facilities contracts. The National Guard does not have

CONSTRUCTION CRITERIA: Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide." AREA COST FACTOR: Area Cost Factor (ACF) indexes displayed for each appropriate area were developed from State and historical construction cost records and may not directly collate with specific cost factors developed by the U.S. Arm. Corn. specific cost factors developed by the U.S. Army Corps of

Engineers for Service-wide use.

RESERVE MANPOWER POTENTIAL: The Reserve manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Directive 1225.7. It has been determined, in coordination with the other Military Departments having Reserve units in the area, that the number of Reserve Components presently located in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at authorized strength.

RESOLUTION TRUST CORPORATION PROPERTY: Requested construction PROJECTION PROFESTION PROFESTI: Requested construction projects have been reviewed, consistent to the Senate Armed Services Committee Report on the National Defense Authorization Act for FY 1991, for cost effective utilization of properties to be disposed of by the Resolution Trust Corporation (Trust). It was determined that weapons firing ranges, troop support facilities and expansions to facilities on existing State or Federal troop training sites would not be compatible with the types of available Trust owned facilities and therefore not considered as a cost effective investment. Similarly, expansions required to existing State owned facilities would not be amenable to a program of acquiring Trust owned buildings because of the additional costs involved to both the State and Federal governments for relocating the assigned units or military Requirements for replacement facilities non-collated function. on an active training site have been studied in detail and determined that either no Trust owned facilities are available in the community or acquisition would not be cost effective compared to the requested construction.

. COMPONENT					
1. COMPONENT	FY 1994 GUARI			2 DA	re ·
ARNG	MILITARY CO	NSTRUCTION	М		
3. INSTALLATION A				4 ARE	EA CONSTR ST INDEX
EGLIN AIR F	DRCE BASE (FLORIDA), ALA	BAMA		83	. 9
S. FREQUENCY AND	TYPE UTILIZATION				
TRAINING SUI STATES. TH EVERY YEAR. 6. OTHER ACTIVE/G THIS TRAININ	ING SITE IS APPROVED FOR PPORTING THE ARMS OF ALL IS FACILITY IS UTILIZED UARD/RESERVE INSTALLATIONS WITHIN AG SITE IS LOCATED ON RAD O OTHER LIKE FACILITIES	BAMA AND PRIFOR ANNUAL  15 MILE RADIUS NGE B-75, E	OPOSED NUME TRAINING AN GLIN AFB, F	ROUS OTH	ER MINING
THERE ARE IN	, other pine recipiling	erinin x es	ALLE RADIO		
PROJECTS REQUI	ESTED IN THIS PROGRAM				
CATEGORY	MONEAT TITE	00000	COST	DESIGN	
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLET
179	MULTIPURPOSE RANGE COMPLEX (MPRC), UPGRAD	2 LANES	3,825	06/88	08/9
PACILITIES I STATE RESERV JOINT USE/EX		BEEN EXAMI	OR POSSIBLE		(0)
PACILITIES I	DENTIFIED IN ITEM 6 HAVI TE FORCES COMPONENT FACIA PANSION. THE BOARD RECO	BEEN EXAMI	OR POSSIBLE	E (Da	ion.

"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED".

1. COMPONENT ARNG	FY 1994 GUARD A		2. DATE /393
3. INSTALLATION AND	LOCATION		-
EGLIN AIR FOR	RCE BASE (FLORIDA), ALABAM	Α	
11. PERSONNEL STRE	NGTH AS OF 30 SEP 92		
AUTHORIZE ACTUAL	PERMANENT	CMLIAN 101AL OFFICES 20 5755 20 5597	
12. RESERVE UNIT DA	TA	STREN	<b>д</b> тн
UNIT DESIG	NATION .	AUTHORIZED	ACTUAL
	TRY, ENGINEER AND SPECIAL		5597
. 13. MAJOR EQUIPMEN	T AND AIBPOACT		
	I AND AIRCHAFT		
TYPE N/A		AUTHORIZED	<b>AC</b> TUAL
14 OUTSTANDING POL	LLUTION AND SAFETY DEFICIENCIES	(\$000)	
A. AIR POL	LUTION	NONE	
B. WATER P	OLLUTION	NONE	
C. OCCUPAT	IONAL SAFETY AND HEALTH	NONE	
DD Form 1390S/2	MAY 78 REPLACES DO FORM 139	OS, DEC 76, WHICH IS OBSOLETE	Page 2 of 2

1 COMPONENT						DATE
ARNG	FY 1994 MILITARY (	CONSTRUC	TION PI	ROJECT D	ATA .	
3. INSTALLATION AND LO	OCATION		PROJEC	T TITLE		
EGLIN AIR FOR ALABAMA	CE BASE (FLORIDA).		(MPRC)	PURPOSE R		PLEX
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER	8. PI	ROJECT COST	(\$000)
0505896A	179	0100	38	3	,825	
	9	COST ESTIMATI	ES			
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
RANGE (TWO LA SUPPORTING FACI	Y NES) LITIES		. Ls	-	-	2,655 (2,655) 916
SITE PREPARAT	ION		. AC	185	375.00	( 69)
	& SEEDING			74	1200.00	( 89)
	ARKERS			992	/ = -	( 3)
AMMO HANDI.TNG	FACILITY/CONCRETE	SI.AB.	. LS	992	45.00	( 45)
UTILITIES: CO	MMUNICATIONS/VATER	MAIN	. LS	-	-	( 19)
	PAD/TANK TRAILS .			-	- 1	( 633)
SUBTOTAL			.			3,571
UNITINGENCY (5%	) SP & OVERHEAD.(2.0		.			179 75
	SP & UVERHEAD. (2.0					3.825
QUIP PROVIDED	FROM OTHER FED APP	R. NON ADI	5			(1,645)
				-		
O. DESCRIPTION OF PRO	POSED CONSTRUCTION		للل			
	manent standard de	sign, mult	inurna	se range	complex	
onsisting of an	upgrade from one	lane Remo	ted Ta	rget Sys	tem (RET	S) to
hree full firing	ng lanes with range	e support	facili	ties. E	ach lane	of the
ange complex vi	lll have two tank	trail, for	r armo	or moving	targets	. 20
tationary armor argets. 10 defi	r, 45 stationary po Llade firing posit:	ersonnel t	argets	data dia	ing pers	onnel
ange support fa	cilities will inc	lude site	orepa:	ation. f	ine orad	n system
eeding, utiliti	les, ammo building	concrete	slab.	access a	nd servi	ce roads
<u>ir Conditioning</u>	: 2 tons for cont	trol tower				
1. REQUIREMENT		QUATE: N/A			ANDARD:	
<u>KUJECT</u> : This ra	inge allows the Tra y training (IDT)	aining Sit	e to m	ore effe	ctively	support
labama ARNG and	other states who	utilize t	he git	ing (AI)	needs o	I the
EQUIREMENT: Th	iis Multipurpose Ra	ange Compl	ex is	required	by ARNG	units
o perform Tank	Gunnery Qualificat	tion requi	rement	s as est	blished	bv
orces Command (	FORSCOM) Regulation	on 350-2.	This	proposal	will pro	ovide fo
ovels. This ra	advanced qualific	cations at	the C	rew, Sec	tion, and	d Platon
se. It vill be	inge will have a fu constructed as an	uii KEIS 1	nstall	ting in	mor and	Infantr
ompletion.		3P6 301	. 0501	11 g		. no upon
<u>URRENT SITUATIO</u>	N: Existing facil	lities do	not pr	ovide ran	ges that	t
dequately confo	rm to current wear	pons stand	ards f	or gunner	y Tank	Tables.

1 COMPONENT			2. DATE
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT DA	TA	124 Co
3. INSTALLATION AND	LOCATION		
	ORCE BASE (FLORIDA).		
ALABAMA	<del></del>		ECT NUMBER
4. PROJECT TITLE	E RANGE COMPLEX	5. PHOJ	ECT NUMBER
(MPRC), UPG	RADE	0100	088
11. REQUIREM	ENT (Continued)		
current Tank shortfall requ Squadron out the annual FO	PROVIDED: The existing range is not capable Tables VIII through XII Gunnery requirements uires movement of three Armor battalions and of state, at high cost, to a Gunnery complex RSCOM requirement to qualify platoons in Tanlet the requirements for the M-60A3 and M-1 is	. Th: one ( that k Guns	is training Cavalry can fulfill nery. This
	-		
	•		

1 CO	MPONENT			2 DATE
	NG	FY 1994 MILITARY CONSTRUCTI	ON PROJECT DATA	
	TALLATION AND			
		ORCE BASE (FLORIDA),		
	ABAMA DECT TITLE		15	PROJECT NUMBER
MU		E RANGE COMPLEX RADE	j	010088
12.	SUPPLEME	NTAL DATA:		
	a. ESTI	MATED DESIGN DATA:		
	(1)	STATUS: (a) Date Design Started (b) Percent complete as of 1 (c) Date Design Expected to 1 (d) Date Design Completed	January 1993 be 35% Complete.	<u>1007</u> <u>8/88</u>
	(2)	BASIS: (a) Standard or Definitive De(b) Where was Design Previous		No 1110-1-6
	(3)	COST (TOTAL) = (c) = (a)+(b) (a) Production of Plans and S (b) All Other Design Costs (c) Total (d) Contract (e) In-House	Specifications	( <u>0</u> ) ( <u>266</u> ) ( <u>266</u> )
	(4)	CONSTRUCTION START		<u>6/94</u>
from		ment associated with this projectal appropriations:	ect which will b	e provided
		Fi	scal Year	
	Equip Nomen			ost (00)
	Remoted System	Target OPA (RETS)	94 1.	645

1 COMPONENT ARNG			AND RESE		2. DATE	1.83
3. INSTALLATION A					4 AREA	CONSTR
MOBILE, ALA					cost .87	INDEX
5. FREQUENCY AND	TYPE UTILIZATION					
NORMAL ADMI	NISTRATION 5 DA PER MONTH.	YS PER VE	EK WITH MUL	TIPLE 2-DAY	TRAINING	
6. OTHER ACTIVE/G	UARD/RESERVE INSTALL	ATIONS WITHIN	15 MILE RADIUS			
			MORY	31,500 SF	1974	
			MORY	27,800 SF	1937	
			MORY MORY	11,725 SF 11,725 SF	1957 1958	
ARNG: H	DELLE ( ) P	ILES) AN	TORI	11,725 51	1756	
7. PROJECTS REQU	ESTED IN THIS PROGRAM					
CATEGORY				COST	DESIGN ST	
CODE	PROJE	TITLE	SCOPE	(\$000)	START C	COMPLETE
214	MAINTEN	ATIONAL ACE SHOP DDITION	8,286 SF	\$502	09/90	05/91
	FORCES FACILITIES BOA			NED DV THE	07 OCT	92
STATE RESERV	DENTIFIED IN 1	ITIES BOAT	RD FOR POSS	IBLE JOINT	(Date)	
9 LAND ACQUISITIO	N. THE BOARD	RECOMMEND	ATIONS ARE	UNILATERAL		ION.
NONE	NA VEGOVVED				(Number of	Acres
	NED IN NEXT FOUR YEAR	ıs			(110111001 01	710.00/
NONE						
	YEY HAS BEEN CO					ED#
DD Form 1390S	/1, MAY 78	1	20/215			Page 1 of 2

1 COMPONENT ARNG		UARD AND RE		2 DATE
3 INSTALLATION AND L	OCATION			<del></del>
MOBILE, ALABAM	IA .			
11. PERSONNEL STRENG	STH AS OF 30 SEP 92			
	PERMAN	FNT	CIL	PD/RESERVE
		NLISTED CMILIAN		FFICER ENLISTED
AUTHORIZE	27	27	1539	187 1352
ACTUAL		21	1573	180 1393
12. RESERVE UNIT DATA				
				STRENGTH
UNIT DESIGNA 226TH AREA SUP	-		AUTHORIZED 143	ACTUAL
UIC WTAQAA TPSN 31116	. o.c. dicor		143	136
HHD 161ST MEDIC UIC WP9BAA TPSN 32708	CAL BATTALION		39	46
129TH MEDICAL ( UIC WP96AA TSPN 32752	COMPANY		127	135
1127TH MEDICAL UIC WTWJAA TSPN 37782	COMPANY		13	14
CONTINUE	ED ON PAGE 3			
	IND AIRCRAFT			
TYPE VEHICLES			393	ACTUAL 393
TRAILERS			107	107
TOTAL VEHICL	ES		500	500
4 OUTSTANDING POLLU	ITION AND SAFETY DEFICIENCE			-
		( \$	000)	
A. AIR POLLU	TION	N	ONE	
B. WATER POL	LUTION	N	ONE	
C. OCCUPATIO	NAL SAFETY AND HEA	AITH N	ONE	

1 COMPONENT			2 DATE			
ARNG	,					
3 INSTALLATION AND MOBILE, ALA						
4 PROJECT TITLE			5. PROJECT NUMBER			
ORGANIZATIONAL MAINTENANCE SHOP (OMS) ADDITION		0	10068			
12. RESERVE UNIT DATA (CONTINUED) UNIT DESIGNATION		STRENGTH AUTHORIZED ACTUAL				
COMPANY B, 1/ UIC: WTPCBO TSPN: 25320	20TH SPECIAL FORCES	60	70			
DET 1 1151ST UIC: WVGEA1 TSPN: 31600	ENGINEER DET	24	33			
640TH ORDNANC UIC WVRYAA TSPN 33903	E COMPANY	152	152			
DETACHMENT 1 UIC WVRYA1 TSPN 33903	540TH ORDNANCE	69	69			
HHC 711TH SIG UIC WQF110 TSPN 35024	NAL BATTALION	143	143			
COMPANY A 711 UIC WQF1AO TSPN 35204	TH SIGNAL COMPANY	162	162			
COMPANY B 711 UIC WQF1BO TSPN 35204	TH SIGNAL COMPANY	101	108			
DETACHMENT 1 UIC WQF1B1 TSPN 35204	COMPANY B 711TH	61	67			
COMPANY C 711 UIC WQF1CO TSPN 35204	TH SIGNAL COMPANY	100	107			
859TH SIGNAL UIC WVROAA TSPN 35933	COMPANY	166	144			
1133RD MEDICA UIC WVGEAA TSPN 32752	L COMPANY	117	125			
445TH AVIATIO UIC WZEKAA TSPN 30644	N DETACHMENT	31	31			
DD FORM 1301						

1 COMPONENT				2 DATE		
ARNG	FY 1994 MILITARY CO	NSTRUCTION	PROJECT D			
3. INSTALLATION AND						
MOBILE, ALA	BAMA					
4. PROJECT TITLE	5. PROJECT NUMBER					
ORGANIZATIONAL MAINTENANCE SHOP (OMS) ADDITION			010068			
12. RESERVE UNIT DATA (CONTINUED) UNIT DESIGNATION		)	STRENGTH AUTHORIZED ACTUAL			
			0.23.03.0.2.2.2	L DESIGNATION OF THE PERSON OF		
446TH AVIATIO UIC WZELAA TSPN 30644	N DETACHMENT		31	31		
		TOTAL	1539	1573		
			-			
•						
				İ		
				ļ		

C. COMPONENT								DATE	
1. COMPONENT	Y 1994 MILITARY CON	JETRIIC	ידוח	N DE	O IEC	TDA	T T	DATE	
ARNG		131700				-1 02		. 333	
3. INSTALLATION AND LOCATION					T TITLE				
MOBILE, ALABAMA				ORGANIZATIONAL MAINTENANCE SHOP (OMS) ADDITION					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	7. PROJECT NUMBER			8. PROJECT COST (\$000)		T (\$000)	
0505896A	214	0100				502			
9. COST ESTIMATES									
ITEM				U/M	M QUANTITY		UNIT COST	(\$000)	
OMS ADDITION OMS ALTERATION. UNNEATED COVERE SUPPORTING FACILI SITE PREPARATIO GRADING & DRAIN RELOCATION OF L PAVING: FLEXIB PAVING: RIGID. FUEL STORAGE AN UTILITIES SUBTOTAL CONTINGENCY (5%). SUPERVISION, INSP TOTAL REQUEST	D STORAGE. TIES. N. AGE. UBE RACK. LE. D DISPENSING SYSTEM & OVERHEAD. (1.60%	M		SF SF SF LS LS SY SY LS LS	5,066 1,226 2,000 - - - 1,656 376	0 0	50.00 20.00 25.00 - - 11.00 20.00	( 24) ( 50) 143 ( 10) ( 6) ( 6) ( 18)	
This proposed construction is an addition to the existing Organizational Maintenance Shops Number 28 and 29. This project involves the construction of additional workbays, covered storage, tool room, Commo/Electronics repair section, and added supply areas. The addition will be of masonry type construction with a built-up roof and concrete foundation and flooring.  Air conditioning: 2 tons  11. REQUIREMENT: 17,336 SF ADEQUATE: 9,050 SF SUBSTANDARD: 8,286 SF PROJECT: An addition is requested for this OMS to perform organizational level maintenance on supported units Modified Table of Equipment (MTOE). (Current Mission)  REQUIREMENT: An addition is requested to allow the performance of organizational level maintenance of organizational level maintenance on supported units MTOE equipment.  CURRENT SITUATION: The existing maintenance shops were constructed in 1978 and contain 9,050 SF of covered area. The existing shops have four workbays, office space, male latrine, supply, and break areas. These OMSs have a shortage of space for OMSs supporting these types and amounts of equipment. The most severe deficiencies exist in work areas, tool storage, Comm/Elect repair and female latrine.  IMPACT IF NOT PROVIDED Continued use of these inadequate facilities will have an adverse effect upon the performance of organizational level maintenance on supported unit's MTOE equipment. The shortage of space interfers with attainment of State and Federal maintenance objectives and									
interfers with at the utilization of	tainment of State a f work hours at the omm/Elec repair are	and Fed shop.	lera I	l ma	inter Iditio	nance on,	e objec the lac	tives and k of both	

ARNG	NT	FY 1	994 MILITARY CONST	TRUCTION PROJECT	DATA 2. DATE
INSTALLA	TION AN	DLOCATION			
MOBILI	E, ALA	BAMA			
PROJECT					5. PROJECT NUMBER
(OMS)			INTENANCE SHOP		010068
. SUI	DI EME	NTAL DA			
а.			DESIGN DATA:		
	(1)	STATUS	5: Date Design Started		9 /90
		(b) P	ercent complete as	of 1 January 93.	100%
		(c) D	ate Design Expecte ate Design Complet	d to be 35% Compl	ete 3/91
		(0) 2	ace Design Complet	ea	3/91
	(2)	BASIS:			
		(a) S (b) W	tandard or Definit here was Design Pr	ive Design - Yes	No <u>X</u>
		(5)	nere was besign in	eviously used: E	<u> </u>
	(3)		TOTAL) (c) = (a)+(		(\$000)
			roduction of Plans 11 Other Design Co		
		(c) T	otal		(24)
			ontract n-House		
		(6) 1	n-nouse	• • • • • • • • • • • • • • • • • • • •	()
	(4)	CONSTR	UCTION START		10/93
b.			ssociated with thi	s project which w	ill be provided
m oth	er ap	propria	tions:		
Eau	ipmen	t.	Procuring	Fiscal Year Appropriated	Cost
	nclat		Appropriation	or Requested	(\$000)
JS	IIDS		AMSCO 5212.000	FY 94	2
Te	lepho	ne Equi	p AMSCO 529895.10	FY 94	2
Fu	rnish	ings	AMSCO 519891.30	FY 94	3

ARNG	FY 1994 GUA MILITARY (	RD AND RES		2.1	LESS.
INSTALLATION AND				i	AREA CONSTR
	(NORTH LITTLE ROCK)	AB			
FREQUENCY AND TYP		, All			33.6
OP AR ARNG UN SKILLS COURSE AVAILABLE BAS		L EDUCATION TIES ARE AC	CENTER AND COMMODATED	THE 11B	BATTLE
	RD/RESERVE INSTALLATIONS WITH DBINSON (1.0 MILES)			2848 SP	1979
				9210 SF	1978
CAMP RO	OBINSON (3.0 MILES) OBINSON (0.5 MILES)	PHILLIPS	ARMORY 1	9967 SF	1974
USAR: N. LIT	TLE ROCK(0.5 MILES) TLE ROCK(5.0 MILES)	RESERVE /	NAV CTR 12		1979
ARNG: N. LIT		FISHER A	RMORY 2	4960 SF	1959
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIG	OMPLETE
171	TRAINING SITE UTILITIES RENOVATION	LS	\$1,275	01/90	06/93
	ICES FACILITIES BOARD RECOMM			22 0	
FACILITIES IDE STATE RESERVE EXPANSION. TE	ENTIFIED IN 1TEM 6 H. FORCES FACILITIES BO TE BOARD RECOMMENDAT	AS BEEN EXAM DARD FOR PO:	SSIBLE JOIN	T (	
FACILITIES IDE STATE RESERVE EXPANSION. TE	ENTIFIED IN 1TEM 6 H. FORCES FACILITIES BO TE BOARD RECOMMENDAT	AS BEEN EXAM DARD FOR PO:	SSIBLE JOIN	T NSTRUCTION	Datej
FACILITIES IDE STATE RESERVE EXPANSION. TH LAND ACQUISITION F NONE	ENTIFIED IN 1TEM 6 H. FORCES FACILITIES BO TE BOARD RECOMMENDAT	AS BEEN EXAM DARD FOR PO:	SSIBLE JOIN	E ( T  NSTRUCTION (Numb	Date) ON.
FACILITIES IDENTIFY RESERVE EXPANSION. THE LAND ACQUISITION FOR NOME  O. PROJECTS PLANNED	ENTIFIED IN ITEM 6 H. FORCES FACILITIES BITE BOARD RECOMMENDAT: GEOURED ON MEXT FOUR YEARS	AS BEEN EXAI DARD FOR POS IONS ARE UNI	SSIBLE JOIN ILATERAL CO	E ( T  NSTRUCTION (Numb	Date) ON.
FACILITIES IDE STATE RESERVE EXPANSION. TE LAND ACQUISITION F NONE 0. PROJECTS PLANNED PROJECT	ENTIFIED IN ITEM 6 EL FORCES FACILITIES BI IE BOARD RECOMMENDAT: EQUIRED  IN NEXT FOUR YEARS	AS BEEN EXAMONATE OF THE POST	SSIBLE JOIN ILATERAL CO	E ( T  NSTRUCTION (Numb	Date) ON.
FACILITIES IDESTATE RESERVE EXPANSION. THE LAND ACQUISITION F NONE  PROJECTS PLANNED PROJECTS PLANNED PROJECT HOUT COMPLE	ENTIFIED IN ITEM 6 EL FORCES FACILITIES BI IE BOARD RECOMMENDAT: EQUIRED  IN NEXT FOUR YEARS	AS BEEN EXAMONATE OF THE POST	SSIBLE JOIN ILATERAL CO COST (\$000	E ( T  NSTRUCTION (Numb	Date) ON.
FACILITIES IDESTATE RESERVE EXPANSION. TI. LAND ACQUISITION F NONE O. PROJECTS PLANNEL PROJECT MOUT COMPLE ARMORT 100 AASF	ENTIFIED IN ITEM 6 EL FORCES FACILITIES BI IE BOARD RECOMMENDAT: EQUIRED  IN NEXT FOUR YEARS	AS BEEN EXAL DARD FOR PO: IONS ARE UN: FT 96 96 97	COST (#000 1.400 2.580 6.363	ET (INSTRUCTION (Number 1))	ON. One of Acres

ARNG	FY 1994 GUARD A				2 DATE
INSTALLATION AND	LOCATION				
CAMP ROBINSO	N (N. LITTLE ROCK), ARKANS	AS			
1 PERSONNEL STRE	NGTH AS OF 30 SEP 92			-	
	TOTAL OFFICER ENLISTED	CIMLIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE			9475	1010	8465
ACTUAL			9323	991	8332
2. RESERVE UNIT DA	7A				
		_		STRENG	
UNIT DESIG	MATION ARMY NATIONAL GUARD UNITS		UTHORIZED 9475		9323
ANIANJAJ	MILL WALLOWAL GOARD UNITS		, - 1 3		,,23
		-			
		-			
		-			
		•			
	·	-			
3. MAJOR EQUIPMEN	T AND AIRCRAFT	-			
3. MAJOR EQUIPMENT	T AND AIRCRAFT	- A	LIT HORIZED		actual
	T AND AIRCRAFT	Α.	LITHORIZED N/A		actual N/A
TYPE	T AND AIRCRAFT	Α			
TYPE	T AND AIRCRAFT	- A			
TYPE	T AND AIRCRAFT	A			
TYPE	IT AND AIRCRAFT	A			
TYPE N/A		A			
TYPE N/A	T AND AIRCRAFT  LUTION AND SAFETY DEFICIENCIES	(\$000)	N/A		
N/A	LLUTION AND SAFETY DEFICIENCIES		N/A		
TYPE N/A N/A OUTSTANDING POL	LLUTION AND SAFETY DEFICIENCIES LUTION	(\$000)	N/A		
N/A  O OUTSTANDING POL  A. AIR POL  B. WATER P	LLUTION AND SAFETY DEFICIENCIES LUTION	(\$000) None	N/A		

ARNG	F'	Y 1994 MILITARY CO	NSTRUC	TIC	N PF	ROJEC	T D	ATA	4,33
3 INSTALLATION AND	LOCAT	TION		4 P	ROJEC	T TITLE			
CAMP ROBINSO	1) NC	NORTH LITTLE ROCK)		RE	NOV	TION		UTILITIE	
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PAOJE	CT N	UMBER	8. PROJECT COST (\$000)			
0505896A		171	0500	74		1,275			
		9. CO	ST ESTIMAT	ES					
		ITEM			υ/м	QUAN	TITY	UNIT COST	COST (\$000)
PRIMARY FACIL	ITY,								
NATURAL GAS S	YSTE	RENOVATION			1			1	532
DIST MAINS	& SEI	RVICE LINES			LS	-		-	( 417)
ROAD BORES	& REI	FURBISHING			LS	-		-	( 60)
PAVEMENT RE	PAIRS	5			SY	33	0	23.50	( 6)
NEW REGULAT	ORS 8	S VALVES			LS			1	( 40)
MOVE METERI	NG S	TATION			EA		1	9360.00	( 9)
PRIMARY ELECT	RICAL	L SYSTEM UPGRADE			LS			1	665
LOOPS					LS	-		- 1	( 502)
RADIALS					LS	-		-	( 112)
DEMOLITION.					LS	-		-	(51)
SUBTOTAL		<i>.</i>				l			1,197
CONTINGENCY (	5%)								60
SUPERVISION.	INSP	& OVERHEAD (1.42%	.)			1			18
						l		1	1,275
EQUIP PROVIDE	D FR	OM OTHER APPR	. NON AI	DD		i			( 0)
									1
10 DESCRIPTION OF I									
		d project to upgra							
		ibution systems.							
		e, modern, dependa							ment will
		sary safety device	s to as	su	re m	aximu	m sa	fety.	
Air Condition									
11. REQUIREME			IATE: N			SUBST			/A
PROJECT: To p	rovi	de an adequate gas	and el	ec	tric	al ut	1110	y system	n
		stallation of new							
		trical renovations							
		volt to a 13,800 v		itr.	1 Dut	ion s	yste	m with i	related
protective de								1	
REQUIREMENT:		gas and electrica							
		d, unsafe and cost							
	as t	much as \$160,000 p	er year	11	n ga:	S IS	lost	aue to	tne
leakage.									
		The present fac							
		Due to the age o							
		stem has been outg							
		ximum. Recent re				ve ne	cess	itated t	ne
		3,800 volt distrib							
		VIDED: The moneta							
		increase and the p							
		danger to personn							vices on
the electrica	ı sys	stem presents anot	ner opp	or	Luni	Ly IO	<b>a</b> 1	saster.	
í									

1 COMPONENT

	01.51.3				2 DATE					
1. COMP		FY 1994 MILITARY CONSTRU	CTION PROJECT DA	ATA	2 DATE					
ARNO										
-	INSTALLATION AND LOCATION									
	CAMP ROBINSON (NORTH LITTLE ROCK).									
	ARKANSAS PROJECT TITLE 5. PROJECT NUMBER									
	TRAINING CITY HITH TIPS									
	TRAINING SITE UTILITIES 050074									
12. 5	UPPLEME	NTAL DATA:								
a	. ESTI	MATED DESIGN DATA:								
	(1)	STATUS:								
	(-,	(a) Date Design Started		1	/90					
		(b) Percent complete as of								
		(c) Date Design Expected t								
		(d) Date Design Completed.		<u>۔</u>	793					
	(2)	BASIS:								
	,-,	(a) Standard or Definitive			_X_					
		(b) Where was Design Previ	ously Used? N/A							
		COCT (TOTAL)	(4) (-)		\$000)					
	(3)	COST (TOTAL) (c) = (a)+(b) (a) Production of Plans an								
		(b) All Other Design Costs								
		(c) Total								
		(d) Contract								
		(e) In-House		(_	<u>o</u> )					
	(4)	CONSTRUCTION START		<u>3</u> ,	<u> 194</u>					
		pment associated with this poropriations:	roject which wil	l be p	rovided					
			iscal Year							
F	quipment		ppropriated	Cost						
	omencla			(\$000)						
_										
		NONE								

1 COMPONENT		FY 1994 GUARI				DATE (3)3
ARNG		MILITARY CO	NSTHUCTIO	N		
3 INSTALLATION AP					4	AREA CONSTR COST INDEX
CAMP ROBINS	ON (N. LIT	TLE ROCK) ARKA	NSAS			83.6
FREQUENCY AND	TYPE UTILIZATIO	N N				
NORMAL ADMIN ASSEMBLIES I		FIVE DAYS PER	. WEEK WITH FO	OUR (4)	TWO DAY	TRAINING
OTHER ACTIVE/G	UARD/RESERVE	INSTALLATIONS WITHIN				
ARNG: CAMP F	ROBINSON	(1.0 MILES)	BN TRP COM		02848 SF	
NGPEC	ROBINSON	(3.0 MILES) (0.5 MILES)			16834 SF 19967 SF	
	TTLE ROCK		FISHER ARMO		24960 SF	
		(0.5 MILES)			28026 SF	1979
7 PROJECTS REQUE	STED IN THIS P	ROGRAM				
CATEGORY CODE		PROJECT TITLE	SCOPE	COST (\$000)	DESI START	GN STATUS COMPLETE
171		ARMORY	74.649 SF	3,205	8/90	6/93
FACILITIES I	DENTIFIED	IES BOARD RECOMMEND IN ITEM 6 HAS FACILITIES BOA	BEEN EXAMINE RD FOR POSSIE	BLE JOIN	T	OCT 92 (Dete)
FACILITIES I STATE RESERV EXPANSION.	DENTIFIED E FORCES THE BOARD	IN ITEM 6 HAS	BEEN EXAMINE RD FOR POSSIE	BLE JOIN	T	(Dete)
FACILITIES I STATE RESERV EXPANSION.	DENTIFIED E FORCES THE BOARD	IN ITEM 6 HAS FACILITIES BOA	BEEN EXAMINE RD FOR POSSIE	BLE JOIN	T NSTRUCTI	(Dete)
FACILITIES I STATE RESERV EXPANSION. 9 LAND ACQUISITION NONE	DENTIFIED /E FORCES THE BOARD IN REQUIRED	IN ITEM 6 HAS FACILITIES BOA RECOMMENDATIO	BEEN EXAMINE RD FOR POSSIE	BLE JOIN TERAL CO	T NSTRUCTI	(Dete) (ON .
FACILITIES I STATE RESERV EXPANSION. 9 LAND ACQUISITIONONE 10 PROJECTS PLAN PROJECT	DENTIFIED /E FORCES THE BOARD N REQUIRED	IN ITEM 6 HAS FACILITIES BOA RECOMMENDATIO	BEEN EXAMINI RD FOR POSSII NS ARE UNILAT	BLE JOIN TERAL CO	T NSTRUCTI	(Dete) (ON .
FACILITIES I STATE RESERV EXPANSION. 9 LAND ACQUISITION NONE 10 PROJECTS PLAN	DENTIFIED /E FORCES THE BOARD IN REQUIRED  NED IN NEXT FO	IN ITEM 6 HAS FACILITIES BOA RECOMMENDATIO  UR YEARS  ROBINSON)	BEEN EXAMINI RD FOR POSSII NS ARE UNILAT	BLE JOIN TERAL CO.	T NSTRUCTI (Num	(Dete) (ON .
FACILITIES INSTATE RESERVE EXPANSION.  9 LAND ACQUISITIC NONE  10 PROJECT PLAN PROJECT  MOUT-CTF RAN  AASF/AVN (CA	DENTIFIED  VE FORCES THE BOARD  IN REQUIRED  NED IN NEXT FORCE  IGE (CAMP  LMP ROBINS	IN ITEM 6 HAS FACILITIES BOA RECOMMENDATIO  UR YEARS  ROBINSON)	BEEN EXAMINI RD FOR POSSII NS ARE UNILAT  FY  96	ELE JOIN FERAL CO	T NSTRUCTI (Num 000)	(Dete) (ON .
FACILITIES INTERPRETATE RESERVENTON.  STATE RESERVENTON.  LAND ACQUISITION.  PROJECT NONE  TO PROJECT PLAN  PROJECT MOUT-CTF RAN  AASF/AVN (CA  ARMORY (SEAR  "A SITE SURV	DENTIFIED  VE FORCES THE BOARD  IN REQUIRED  IN REQUIRED  IN RECOURSE	IN ITEM 6 HAS FACILITIES BOA RECOMMENDATIO  UR YEARS  ROBINSON)	BEEN EXAMINI RD FOR POSSII NS ARE UNILAT  FY  96  97  97	SEE JOIN  (\$)  6  1	(Num (Num ),580 ,363 ,752	(Dete) ON. O Der of Acres)

MILITARY CONSTRU	ESERVE CTION	223
(N. LITTLE ROCK) ARKANSAS		
NGTH AS OF 30 SEP 92		
DE DIMANIENT	CLIADO/DES	EDVE
30 8 22	652 174	478
27 7 20	625 168	457
TA		
NATION CUIDDODT UNIT		ACTUAL 191
SUFFUR I UNII	203	171
TROOP COMMAND)	138	123
OMBAT SURGICAL HOSPITAL	180	180
SPT SECT	131	131
TOTAL	652	625
T AND AIRCRAFT		<del></del>
	AL/THORIZED	ACTUAL
IICLES	105	105
	33	33
HICLES AND EQUIPMENT OVER 30 FT	LONG 31	31
LLUTION AND SAFETY DEFICIENCIES	(\$000)	
LUTION	NONE	
POLLUTION	NONE	
TIONAL SAFETY AND HEALTH	HONE	
	I (N. LITTLE ROCK) ARKANSAS  INGTH AS OF 30 SEP 92    TOTAL OFFICER ENLISTED CIMILIN     30	CONTION   Contion   Continuous

1. COMPONENT						2	DATE
	Y 1994 MILITARY CO	NSTRUCTIO	ON PF	ROJEC	T DA	ATA ,	353
3. INSTALLATION AND LOCA	ATION	4	PROJEC	T TITLE			
CAMP ROBINSON (	NORTH LITTLE ROCK)	. A	RMORY	?			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT I	NUMBER	MBER 8. PROJECT COST (\$000)			
0505896A	171	050022			3	205	
	9. CO:	ST ESTIMATES		,			
	ITEM		U/M	QUANT	TITY	UNIT COST	COST (\$000)
ARMORY BUILDING FACIL. SUPPORTING FACIL. SITE PREPARATIC GRADING, SEED IN PARKING: MILIT. RIGID CONCRETE FLAGPOLE/SIDEW. UTILITIES: VATI SUBTOTAL	HAL BUILDINGTIES  DIN (100% STATE)  NG & PLANTING  ATY. OFF STREET AND  VASH PLATFORM  ALKS/FENCING  P & OVERHEAD (1.37%  ROM OTHER FED APPR	ACCESS.	SF SF AC LS SY LS LS LS	74,20	35 7	47.34 30.00 3000.00 - 12.40 -	3,528 (3,516) (12) 506 (21) (26) (299) (60) (25) (75) 4.034 202 58 3,205 (1,089) 3,205 (64)
construction with mechanical and e: military/civilian Air Conditioning 11. REQUIREMENT PROJECT: A new it these units. The the craining and Peacetime unit reproviding the unwhich also has ti (New Mission) REQUIREMENT: The of the AR ARNG: it he light Person their existing for eorganization as CURRENT SITUATION located in a Statestand unit of the light provided in a Statestand the light Person in after the new far and the light Person in the content of the light provided in a Statestand unit of the light person in a state with the light person in a state of the light person in the light person in a state of the light person in the light pers	gned one story armon built-up roof and heutit-up roof and hectrical systems, a parking areas.  81 tons  74.649 SF ADEQUA facility is request a facility will proposed for addiness objectives the training land/ar is facility is request for the training land/ar is facility is request for a facility is requested for a facility is requested for a facility is requested for new organization.  15. At the present the owned facility to come a facility to come a facility to come a facility to come a facility to come a facility to come a facility to come a facility station. Supply/st	TE: 0 SF ed to ser vide an a all pers vill be accilities ess avail ired to s t Unit. 1 y. These ximum ext ion of al time the hat was c ttllized w upied. T mpany are y, which	SUB: Ve ti dequonne accor able uppon 48th uni l th Inst	STANDA he per attention of the	ARD: ARD: trea the trea the prole their prole trea trea trea trea trea trea trea tre	26.436 ime miss that will units as and sust amp Robir use.  1lowing on Hospi desently due to r. Support 1940. ed to thuation Heating H	SF ition of l enhance signed. ained by nson units tal and utilizing ecent Unit is The less tale an overall

1 CUMPONENT			2. DATE					
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT D.	ATA	र अंड					
3. INSTALLATION AND	LOCATION							
CAMP ROBINSON (NORTH LITTLE ROCK),								
ARKANSAS								
4. PROJECT TITLE		5. PROJE	CT NUMBER					
ARMORY		0500	22					
i -	NT (CONTINUED)							
IMPACT IF NOT	PROVIDED Assigned units are required to us	e subs	tandard					
facilities th	at do not provide the units with an atmosphe	re cor	ductive to					
military oper	ations. The sustandard facilites will conti t on the readiness postures to include the r	etenti	on and					
recruiting of	members for the units.							
Ĭ								
l								
ľ								
	•							
			•					
DD FORM 1391								

1 COMPONENT						2. DATE
ARNG	FY 199	4 MILITA	ARY CONSTR	UCTION PROJECT D	ATA	14 A 673
3 INSTALLATION AND						
CAMP ROBINS	ON (NORTH	LITTL	E ROCK),			
ARKANSAS 4 PROJECT TITLE					5 P901	ECT NUMBER
ARMORY						
AKHOKI					0500	022
12. SUPPLEME	NTAL DATA					
a. ESTI	MATED DES	IGN DA	ΓΑ:			
, - ,						
				of 1 January 1993		
				to be 35% Completed		
	(u) Dat	e Desi,	gn complete	u		0/33_
(2)	BASIS: (a) Sta			ve Design - Yes _	N-	v
				viously Used? N/		
	•		Ü	,	-	
(3)	COST (TO	TAI\ -	(0) = (2)+	(b) and (d)+(e)		(\$000)
(3)				and Specification:		
	(b) A11	other	design cos	ts		(_0_)
	(6) 111-	nouse.				<u> </u>
//>	CONSTRUC	TTON CT	T. D. T.			10 /03
(4)	CONSTRUC	IIUN 3	ARI	• • • • • • • • • • • • • • • • • • • •		10/93
b. Equi	nment ass	ociateo	l with this	project which wil	1 he i	rovided
from other ap			. 41011 01113	project whiteh with		7.071000
				Fiscal Year		
Equi	pment	Proc	uring	Appropriated	Cost	
Nomen	<u>clature</u>	Approp	riation	or Requested	(\$000	
Kitche	n Equip	AMSC0	522811.00	94	52	
J-SIID:	s	AMSCO	5212.000	94	12	
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						ļ

ARNG		ARD AND RES CONSTRUCT		2 DA	
3. INSTALLATION AN	DLOCATION			4 AR	EA CONSTR
CAMP ROBINSO	N (N. LITTLE ROCK).	ARKANSAS			ST INDEX
FREQUENCY AND T	YPE UTILIZATION			1 63	0.0
BATTLESKILLS MILITARY ACA INACTIVE DUT		DUCATION CENT S CONDUCTING	TER, STATE O	CS & NCO	
	ARD/RESERVE INSTALLATIONS WIRDS OF THE ROBINSON (1.0 MILES)		MPIFX 102	848 SF	1979
	ROBINSON (3.0 MILES)			210 SF	1978
CAMP	ROZINSON (O.5 MILES)	PHILLIPS	ARMORY 19	967 SF	1974
USAR: N. LI	TTLE ROCK(0.5 MILES)	RESERVE /N	AV CTR 128	206 SF	1979
	TTLE ROCK(5.0 MILES)	FISHER AF	MORY 24	960 SF	1959
	STED IN THIS PROGRAM				
CATEGORY CODE	PROJECT TITLE	SCOPE	(\$000)	DESIGN	COMPLETE
171	SANITARY SEVE		\$4,223		
	opces facilities board recon			22 00	T 92
FACILITIES I STATE RESERV EXPANSION.	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA	HAS BEEN EXAM BOARD FOR POS	SIBLE JOINT	10	ate)
FACILITIES I STATE RESERV EXPANSION. LAND ACQUISITION	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA	HAS BEEN EXAM BOARD FOR POS	SIBLE JOINT	STRUCTIO	N .
FACILITIES I STATE RESERV EXPANSION. 9. LAND ACQUISITION NONE	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA REQUIRED	HAS BEEN EXAM BOARD FOR POS	SIBLE JOINT	STRUCTIO	ate) N.
FACILITIES I STATE RESERV EXPANSION. 9. LAND ACQUISITION NONE	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI	SIBLE JOINT	STRUCTIO	N .
FACILITIES I STATE RESERV EXPANSION. LAND ACQUISITION NONE	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA RECOURED  WED IN NEXT FOUR YEARS	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI	SIBLE JOINT LATERAL CON	STRUCTIO	N .
FACILITIES I STATE RESERV. EXPANSION. 9 LAND ACQUISITION NONE 10. PROJECTS PLAND PROJECT	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA RECOURED  WED IN NEXT FOUR YEARS	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI	COST (\$000)	STRUCTIO	N .
FACILITIES I. STATE RESERV. EXPANSION. B. LAND ACQUISITION NONE TO PROJECT PLANM PROJECT MOUT COMP	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA RECOURED  WED IN NEXT FOUR YEARS	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI FY 96	COST (\$000)	STRUCTIO	N. O
FACILITIES I. STATE RESERV. STATE RESERV. LAND ACQUISTION NONE IO. PROJECTS PLANN PROJECT MOUT COMPI ARMORY AASF	DENTIFIED IN ITEM 6 E FORCES FACILITIES THE BOARD RECOMMENDA RECOURED  WED IN NEXT FOUR YEARS	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI  FY 96 96 97 D AND THE SIT	SIBLE JOINT LATERAL CON  COST (\$000)  1,400  2,580  6,363	STRUCTION (Number 1)	N. Or of Acros
FACILITIES I. STATE RESERV. STATE RESERV. LAND ACQUISTION NONE IO. PROJECTS PLANN PROJECT MOUT COMPI ARMORY AASF	DENTIFIED IN ITEM 6 E FORCES FACILITIES HE BOARD RECOMMENDA RECOURED  WED IN NEXT FOUR YEARS  LEX  EY HAS BEEN COMPLETE OF THE PROPOSED PRO	HAS BEEN EXAM BOARD FOR POS TIONS ARE UNI  FY 96 96 97 D AND THE SIT	SIBLE JOINT LATERAL CON  COST (\$000)  1,400  2,580  6,363	STRUCTION (Number 1)	N. Or of Acros

1 COMPONENT ARNG	FY 1994 GUARD AND MILITARY CONSTR		2 DATE
3 INSTALLATION AND	LOCATION		L
	N (N. LITTLE ROCK), ARKANSAS		
	NGTH AS OF 30 SEP 92		
11 PERSONNEL STRE	NGTH AS OF 30 SEP 92		
	PERMANENT TOTAL OFFICER ENLISTED CIVIL	GUARDIRES LIAN TOTAL OFFICER	SERVE ENLISTED
AUTHORIZE		9475 1047	8428
ACTUAL		9233 1031	8202
12 RESERVE UNIT DA	TA	STREN	этн
UNIT DESIG	SNATION	AUTHORIZED	ACTUAL
	ARMY NATIONAL GUARD UNITS	9.475	9,233
13 MAJOR EQUIPMEN	IT AND AIRCRAFT		
TYPE		AUTHORIZED	ACTUAL
N/A		N/A	N/A
14 OUTSTANDING PO	OLLUTION AND SAFETY DEFICIENCIES	(\$000)	
A. AIR POI	LUTION	NONE	
B. WATER	POLLUTION	4.424	
C. OCCUPA	TIONAL SAFETY AND HEALTH	NONE	
D Form 1390S/	2, MAY 78 REPLACES DD FORM 1390S. D	DEC 76, WHICH IS OBSOLETE	Page 2 of

INSTALLATION AND LOC			4. PROJEC			
CAMP ROBINSON ARKANSAS	(NORTH LITTLE RO	CK).	SANITA	RY SEVER	IMPROVE	MENT
PROGRAM ELEMENT						
0505896A	171	0501	05	4	,223	
	9.	COST ESTIMAT	ES			
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
						3,858
	TEM IMPROVEMENTS T IMPROVEMENTS			]	1 -	(2,776)
	PROVEMENTS			_	-	( 529)
CONTROLS & INS	TRUMENTATION		. LS	-	-	( 242)
	ITIES					110
	NTS			-	-	( 80)
				-	1	( <u>30</u> )
					1	198
	P & OVERHEAD (1.			1		57
TOTAL REQUEST			.		1	4,223
QUIP PROVIDED F	ROM OTHER FED AP	PR. NON AD	ן סי		1	( 0)
O. DESCRIPTION OF PROP		ha aviati-		****	er collec	tion
The renovation/i	nstallation of t ecially designed	system (e	lip-li	ning) to	reduce t	he amoun
The renovation/insystem with a spoof inflow and in Repair and replacements	nstallation of t ecially designed filtration from cement of exists	system (s surface/su	lip-li bourfa	ning) to	reduce t	he amoun
The renovation/isystem with a spot inflow and in Repair and repladir Conditioning	nstallation of t ecially designed filtration from coment of exists: : NONE : 1 ADEQUA	system (e surface/su ng manhole TE: O EACH	lip-lis bourfacts.	ning) to ce water	into the	system.
The renovation/isystem with a spot inflow and in Repair and replater Conditioning II. REQUIREMENT PROJECT: To prov	nstallation of t ecially designed filtration from coment of existi: : NONE : 1 ADEQUA' ide an adequate	system (sourface/sung manhole TE: 0 EACH sanitary s	lip-limbourfacts.	ning) to ce water UBSTANDAI	reduce to into the RD: 73,22 a system	system.
The renovation/i system with a sp of inflow and in depair and repla ir Conditioning ii. REQUIREMENT PROJECT: To prov	nstallation of t ecially designed filtration from comment of existi: NONE: 1 ADEQUA: ide an adequate reatment of wast	system (e surface/su ng manhole TE: O EACH eanitary s	beurfacts.  Sievar co	ubstandal	RD: 73,22 n system (Current	3 LF for the
The renovation/i system with a sp of inflow and in depair and repla Air Conditioning In REQUIREMENT PROJECT: To prov collection and t REQUIREMENT: Th	nstallation of t ecially designed filtration from coment of exists: : NONE: : 1 ADEQUA: ide an adequate reatment of vast e existing waste: th federal and a	system (e surface/su ng manhole TE: 0 EACH eanitary s ewater at water trea tate laws.	lip-lis bourfacts.  Siever co	ubstandal ubstan	RD: 73.22 n system (Current required the col	de amount system.  3 LF for the Mission to be lection
The renovation/i system with a sp of inflow and in Repair and repla Air Conditioning il. REQUIREMENT collection and t REQUIREMENT: The In compliance vi system is requir	nstallation of to ecially designed filtration from coment of existi: : NONE: : 1 ADEQUA: ide an adequate reatment of wast e existing waste th federal and sed to conform to	system (e surface/su ng manhole TE: 0 EACH eanitary s ewater at water trea tate laws. the 1972	lip-lis bourfacts.  Siever co	ubstandal ubstan	RD: 73.22 n system (Current required the col	de amount system.  3 LF for the Mission to be lection
The renovation/i system with a sp of inflow and in Repair and repla Air Conditioning 11. REQUIREMENT PROJECT: To prov collection and t REQUIREMENT: Th In compliance wi system is requir (P.L. 92-500, 33	nstallation of t ecially designed filtration from coment of existi: : NONE : 1 ADEQUA ide an adequate reatment of vast e existing waste th federal and see to conform to U.S.C. et seq).	system (e surface/su ng manhole TE: 0 EACH eanitary s ewater at water trea tate laws. the 1972	lip-lip beurfacts.  Sievar co Camp Ro tment   Renov	ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal ubstandal	reduce to into the into the RD: 73,22 m system (Current required f the colon Control	3 LF for the Mission to be lection Act
The renovation/i system with a sp of inflow and in repair and repla air Conditioning ii. REQUIREMENT ROJECT: To prov collection and t REQUIREMENT: The in compliance wi system is requir (P.L. 92-500, 33 URRENT STUATIO	nstallation of t ecially designed filtration from coment of existi: : NONE : 1 ADEQUA ide an adequate reatment of vast e existing waste th federal and s ed to conform to U.S.C. et seq). N: The existing	system (e surface/su ng manhole TE: 0 EACH sanitary s evater at vater trea tate laws. the 1972 collectio	lip-lip bourfacts.  Si evar co Camp Ro tment   Renov	UBSTANDAL ollection oblinson. plant is vation of	RD: 73,22 n system (Current required the col in 1940'	3 LF for the Mission to be lection Act
The renovation/i yystem with a sp f inflow and in tepair and repla tir Conditioning 11. REQUIREMENT PROJECT: To prov collection and t teQUIREMENT: Th in compliance wi yystem is requir P.L. 92-500, 33 UNRENT SITUATIO nigh volume of i	nstallation of to ecially designed filtration from coment of existing in NONE:  1 ADEQUAtion and adequate reatment of waste existing waste to federal and sed to conform to U.S.C. et seq).  N: The existing niltration and	system (e surface/su ng manhole TE: 0 EACH eanitary s exacter at water trea tate laws. the 1972 collectio inflow of	lip-lip bourfact s.  Siever co Camp Rotement   Renorm Water li n syster	UBSTANDAI ollection obinson. plant is vation of Pollution em built ter. Th	reduce to into the into the into the into the system (Current required; the colon Control in 1940° is development.	3 LF for the Mission to be lection Act s has a
The renovation/i yatem with a sp f inflow and in lepair and repla ir Conditioning il. REQUIREMENT PROJECT: To prov collection and t lepourrement: The n compliance wi lyatem is requir P.L. 92-500, 33 URRENT SITUATIO ligh volume of i incontrollable of	nstallation of t ecially designed filtration from coment of existi: ! NONE ! 1 ADEQUA ide an adequate reatment of vast e existing waste: th federal and see th federal and se U.S.C. et seq). N: The existing nfiltration and	system (e surface/su ng manhole TE: 0 EACH senitary s ewater at water trea tate laws. the 1972 collectio inflow of wastewate	lip-limbourfacts.  Silewar concern Remont Remont Vater In system In system I	UBSTANDAD ollection ollection plant is vation of Pollution em built ter. Th tment plant	reduce to into the RD: 73,22 m system (Current required? the col m Control in 1940° is develount that	As a specific to the state of t
The renovation/i yatem with a sp f inflow and in Repair and repla tir Conditioning 11. REQUIREMENT PROJECT: To prov collection and t REQUIREMENT: Th In compliance wi yatem is requir P.L. 92-500, 33 UNRENT SITUATIO nigh volume of i incontrollable f able to comply w co correct this	nstallation of to ecially designed filtration from coment of existing in NONE:  1 ADEQUAlide an adequate reatment of waste existing waste the federal and sed to conform to U.S.C. et seq).  N: The existing infiltration and low rates in the permit c situation and the property of the confidence of the confidence of the permit c situation and the permit c situation and the set of the permit c situation and the set of the permit c situation and the set of the permit c situation and the set of the permit c situation and the set of the permit c situation and the set of the	system (e surface/su mg manhole TE: 0 EACH eanitary s ewater at water trea tate laws. the 1972 collectio inflow of wastewater riteria.	lip-lip beurfacts.  SI evar cc Camp Rc tment   Renor Vater I n system r treat The sta	ubstandal ubstan	RD: 73.22 n system (Current required the col n Control in 1940 is devel ant that directed	As a specific to the state of t
The renovation/i system with a sp f inflow and in Repair and repla tir Conditioning 11. REQUIREMENT: PROJECT: To prov collection and t REQUIREMENT: Th In compliance wi system is requir P.L. 92-500, 33 CURRENT SITUATIO righ volume of i uncontrollable f able to comply w co correct this non-compliance 1	nstallation of t ecially designed filtration from coment of existi: . NONE : 1 ADEQUA ide an adequate reatment of vast e existing waste th federal and see to conform to U.S.C. et seq). N: The existing infiltration and low rates in the ith the permit c situation and the etters.	system (e surface/su ng manhole TE: 0 EACH eanitary sevater at water treatate laws. the 1972 collection inflow of wastewate riteria. e ARNG hae	Sip-linbourfacts.  Siewar con Camp Rotater I Renor Water I rainwar r treat received.	UBSTANDAL ollection oblinson. plant is vation of Pollution em built ter. Th tment pla ate has eved numer	reduce to into the RD: 73.22 m system (Current required for the color in 1940, and that directed rous	As a least of the
The renovation/i yystem with a sp f inflow and in tepair and repla dir Conditioning li. REQUIREMENT PROJECT: To prov collection and t REQUIREMENT: Th in compliance wi yystem is requir P.L. 92-500, 33 CURRENT SITUATIO ingh volume of i incontrollable f able to comply w correct this non-compliance 1 KMPACT IF NOT PR	nstallation of the cially designed filtration from coment of existi: NONE:  I ADEQUATE ADEQUA	system (esaurface/susus face/susus manhole TE: 0 EACH esanitary sewater at water treatate laws. the 1972 collection inflow of wastewater iteria. e ARNG has project i	lip-lip beurfa s.  Slewar c Camp R tment Reno Vater I n syste rainwar r trea The st receiv	uning) to ce water  UBSTANDAl  bollection  bolinson.  plant is  vation of  Pollution  em built  ter. Thi  teent pli  ate has  eved nume  funded,	reduce to into the into the RD: 73,22 m system (Current required? the col in Control in 1940° is develoant that directed rous a Notice	he amount system.  23 LF for the Mission to be lection Act s has a ps is not the ARNG of
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The renovation/i yyatem with a sp f inflow and in tepair and repla tar Conditioning il. REQUIREMENT ROJECT: To prov collection and t REQUIREMENT: Th in compliance wi yyatem is requir P.L. 92-500, 33 TURRENT STUMATIO TOTAL 92-500, 30 TURRENT STUMATIO TOTAL 92-500 to the total student of incontrollable f the student of the total student of the t	nstallation of the cially designed filtration from coment of existi: NONE:  I ADEQUATE ADEQUA	system (e surface/su ng manhole TE: 0 EACH eanitary sewater at the laws. the 1972 collectio inflow of wastewate riteria. e ARNG has project i o the AR A erous acti	lip-linbeurfass.  Sievar coccamp Renor Vater In syster ainvair reair receives a not in RNG and voties	unstandading to ce vater  UBSTANDAD blection oblination oblination of pollution em built ter. This tern the plate has eved nume; funded, if diposible are con-	RD: 73,22 A system (Current required f the col a Control in 1940' is develon that that directed rous a Notice by shut divided	he amoun system.  3 LF for the Mission to be lection Act shas a ps is not the ARNG of lown the a full
The renovation/i yatem with a sp f inflow and in Repair and repla ir Conditioning 11. REQUIREMENT PROJECT: To prov collection and t REQUIREMENT: Th In compliance wi system is requir P.L. 92-500, 33 JURRENT STUATIO high volume of i incontrollable f able to comply w to correct this con-compliance 1 IMPACT IF NOT PR Violation (NOV) Visatewater Treat ime basis that the AR ARNG is u	nstallation of tecinally designed filtration from coment of existi: NONE:  I ADEQUA: I	system (e surface/su ng manhole and surface/su ng manhole TE. 0 EACH esnitary sevater at water treatate laws. the 1972 collection inflow of wastewate riteria. e ARNG hae project io the AR A erous actinum it of the manistrat	lip-lip beurfar s.  evar cc Camp R Reno Water l n syst rainvar r treat The st: rRNG and vities aining ive Orr	UBSTANDAI  Ollection  oblination  plant is  wation of  Pollution  em built  ter. Th.  teent pli  funded,  if  dunded,  are con- and degi  der to bi  der to be	reduce to into the into the into the into the into the into the color of the color	he amoun system.  3 LF for the Mission it to be lection Act shas a pis not the ARNG of lown the a full liness.

NT	FY	1994 MILITARY CONST	RUCTION PROJECT I	DATA	2. DATE
TION AND	LOCATI	ON			<u> </u>
OBINS					
				5. PROJ	ECT NUMBER
RY SE	WER I	MPROVEMENT		050	105
PLEME	NTAL	DATA:			
ESTI	MATED	DESIGN DATA:			
(1)	(a) (b)	Date Design Started Percent complete as Date Design Expects	of 1 January 93ed to be 35% Comple	te 1	35% 2/92
(2)		Standard or Definit	ive Design - Yes _ eviously Used? N	No	<u>x</u>
(3)	(a) (b) (c) (d)	Production of Plans All Other Design Co Total	and Specification	ns (, (,	0 )
(4)	CONS	TRUCTION START		<u>3</u>	/94_
			s project which wi	11 be 1	provided
			Fiscal Year		
		Procuring Appropriation	Appropriated		ost 000)
		N	ONE		
	CONTROL AND CONTRO	TION AND LOCATION AND LOCATION AND LOCATION AND LOCATION (N SAS THE CONTROL OF CONTROL O	FY 1994 MILITARY CONSTITUTION AND LOCATION ROBINSON (NORTH LITTLE ROCK). SAS INTHE RRY SEWER IMPROVEMENT  PLEMENTAL DATA:  ESTIMATED DESIGN DATA:  (1) STATUS: (a) Date Design Started (b) Percent complete as (c) Date Design Expecte (d) Date Design Complet  (2) BASIS: (a) Standard or Definit (b) Where was Design Pr  (3) COST (TOTAL) (c) = (a)+( (a) Production of Plans (b) All Other Design Co (c) Total	FY 1994 MILITARY CONSTRUCTION PROJECT ITON AND LOCATION ROBINSON (NORTH LITTLE ROCK). SAS  THE  PLEMENTAL DATA:  ESTIMATED DESIGN DATA:  (1) STATUS:  (a) Date Design Started	FY 1994 MILITARY CONSTRUCTION PROJECT DATA  TION AND LOCATION  ROBINSON (NORTH LITTLE ROCK).  SAS  THRE  RRY SEVER IMPROVEMENT  CPLEMENTAL DATA:  ESTIMATED DESIGN DATA:  (1) STATUS: (a) Date Design Started

1. COMPONENT ARNG		ARD AND RESE		2. DATE		
3. INSTALLATION A		CONSTRUCTION		A AREA CONSTD		
	ON (N. LITTLE ROCK),	ADVANCAC		4 AREA CONSTR COST INDEX		
		AKKANSAS		83.6		
5. FREQUENCY AND	TYPE UTILIZATION					
ANNUAL TRAI BATTLE SKIL UTILIZED FO 6. OTHER ACTIVE/O	IDT WEEKENDS ANNUAL NING AND INACTIVE DU LS COURSE, STATE OCS R WEAPONS QUALIFICAT WARD/RESERVE INSTALLATIONS W	TY TRAINING. A AND NCO MILITA ION AS REQUIRED ITHIN 15 MILE RADRUS	LSO UTILIZED RY ACADEMIES BY DA PAM 3	BY 11B NGB . FACILITY IS 50-38.		
	OBINSON (1.0 MILES			848 SF 1979		
	OBINSON (3.0 MILES DBINSON (0.5 MILES			210 SF 1978 967 SF 1974		
	ITTLE ROCK(0.5 MILES			206 SF 1979		
	ITTLE ROCK(5.0 MILES			960 SF 1959		
	ESTED IN THIS PROGRAM					
CATEGORY			COST	DESIGN STATUS		
CODE	PROJECT TITLE	SCOPE		TART COMPLETE		
179	MODIFIED RI FIRE RANGE	ECORD 16 LANES (RETS)	907 0	8/90 10/91		
FACILITIES : STATE RESERV	FORCES FACILITIES BOARD RECORD IDENTIFIED IN ITEM 6 VE FORCES COMPONENT FOR AND IN THE BOARD IN REQUIRED	HAVE BEEN EXAM?	FOR POSSIBLE	22 OCT 92 (Date) NSTRUCTION.		
				(Number of Acres)		
PROJECTS PLAN	NED IN NEXT FOUR YEARS	FY	COST (\$000	)		
MOUT COMPLE	:X	96	2,683			
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED".						
DD Form 1390S	/1. MAY 78	120/215		Page 1 of 2		
				27		

1 COMPONENT ARNG	FY 1994 GUARD MILITARY COM		2 DATE
3. INSTALLATION AND	LOCATION		· · · · · · · · · · · · · · · · · · ·
CAMP ROBINSO	N(NORTH LITTLE ROCK), ARKA	NSAS	
11. PERSONNEL STRE	ENGTH AS OF 30 SEP 92		
	PERMANENT TOTAL OFFICER ENLISTED	GU CIVILIAN TOTAL	ARD/RESERVE OFFICER ENLISTED
AUTHORIZE	<u> </u>	9475	1047 8428
ACTUAL		9233	1031 8202
12. RESERVE UNIT DA	ATA		STRENGTH
UNIT DESIG	GNATION	AUTHORIZED	ACTUAL
ALL ARKANSAS	ARMY NATIONAL GUARD	9,475	9,233
		-	
13. MAJOR EQUIPMEN	NT AND AIRCRAFT		
TYPE		AUTHORIZED	ACTUAL
N/A			
14 OUTSTANDING PO	DELUTION AND SAFETY DEFICIENCIES	(\$000)	
A. AIR POI	LLUTION	NONE	
B. WATER I	POLLUTION	NONE	
C. OCCUPAT	TIONAL SAFETY AND HEALTH	NONE	
DD Form 12000/	2, MAY 78 REPLACES DD FORM 1	1905 DEC 76 WHICH IS OBSOLET	TE Page 2 of 2
DD FOLM 13802/	Z, MAT /8 NEFENCES DU FORM I	3300, DEC 76, WHICH IS OBSOLE	rage 2 of 2

ARNG  3. MSTALLATION AND LOCATION CAMP ROBINSON (NORTH LITTLE ROCK) ARKANSAS  5. PROGRAM ELEMENT 0505896A 179 050055 907  8. COST ESTIMATES  ITEM UM QUANTITY UNIT COST (6000) PRIMARY FACILITY	1. COMPONENT					2.	DATE
CAMP ROBINSON (NORTH LITTLE ROCK)  ARKANSAS  PROGRAM ELEMENT  0505896A  179  050055  907  8 COST ESTMATES    UMA   QUANTITY   UNIT COST (\$6000)		FY 1994 MILITARY CO	NSTRUC	TION PE	ROJECT	1	
ARKANSAS  SPROGRAM ELEMENT  O505896A  179  SOST ESTIMATES	3. INSTALLATION AND LO	CATION	1	PROJEC	T TITLE		
STATE   STAT		(RETS)					
PRIMARY FACILITY	5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER	1	8. PROJECT COST	(\$000)
PRIMARY FACILITY	0505896A		_1			907	
PRIMARY FACILITY		9. C	OST ESTIMAT	ES			
SIXTEEN LANE RANGE		ITEM		U/M	QUANTI	ITY UNIT COST	COST (\$000)
The construction of a 16 lane Modified Record Fire Range. Supporting facilities will include control tower, bleacher enclosure, target storage and repair building, ammunition breakdown point, latrine, mess shelter, flag pole, range lighting, and other utilities as required.  Air Conditioning: 1 ton for control tower  11. REQUIREMENT: 1 ADEQUATE: N/A SUBSTANDARD: N/A PROJECT: This project will provide Modified Record Fire Range for Mi6 Rifle markmanship training and qualification for all soldiers of the AR ARNG, NGB Battle Skills Course, State OCS and NCO Academies and other reserve personnel utilizing Camp Robinson. (Current Mission) REQUIREMENT: This range will enable all units/schools to qualify, annually their personnel in accordance with DA Pam 350-38, Standards in Weapons Training.  CURRENT SITUATION: At the present time Camp Robinson has two Automated Record Fire Ranges. These ranges are not sufficient to qualify the numbe of personnel that will be required to conduct this training on an inactive duty for training (IDT) weekend. Units must complete their weapons qualification on one IDT weekend due to the cost of travel and training time expended to conduct the required training.  IMPACT IF NOT PROVIDED: Units will be hampered in attaining required weapons qualification standards. Training time utilized for other requirements will be lost due to units having to return to Camp Robinson to complete veapons qualification. Funds programmed for other training	SIXTEEN LANE CONTROL TOVER SUPPORTING FACI PAVING TARGET STORAG LATRINE (MALE MESS SHELTER. BLEACHER ENCL RANGE LIGHTIN UTILITIES (EL SUBTOTAL CONTIGENCY (5%) SUPERVISION, IN TOTAL REQUEST.	RANGE LITIES  E. REPAIR AND AMMO. AND FEMALE)  OSURE G. FLAGPOLE ECTRICAL AND WATER)  SP & OVERHEAD (1.47		LS SF SF SF SF LS LS	1550 920 200 800 544	10.00 55.00 65.00 45.00	( 635) ( 36) 180 ( 15) ( 51) ( 13) ( 36) ( 27) ( 18) ( 20) 851 43 13
requirements may have to be used for the retain trip to samp Robinson.	The construction facilities will and repair buil flag pole, rang Air Conditionin i. REQUIREMEN ROJECT: This prifle markmansh ARNG, NGB Battl reserve personn REQUIREMENT: Tannually their Veapons Trainin CURRENT SITUATI Record Fire Ran of personnel the duty for trainin qualification on time expended to the complete veapons qualification output for trainin the sexpended to the sexpended to the sexpended to complete veapons qualification output for the sexpended to complete veapons qualification output for the sexpended to complete veapons qualification output for the sexpended to complete veapons qualification output for the sexpended to complete veapons qualification output for the sexpended to complete veapons qualifications and the sexpended to complete veapons qualifications and the sexpended to the sexpended	n of a 16 lane Modi include control to ding, ammunition brie e lighting, and oth g: 1 ton for cont. T: 1 ADEQ! roject will provide ip training and qua- ie Skills Course, St. el utilizing Camp R. his range will enab- personnel in accordi g. QN: At the present ges. These ranges a at will be required ing (IDT) weekend. In n one IDT weekend do conduct the require ROVIDED: Units will cation standards. Il libe lost due to upons qualification.	wer, ble sakdown sakdown sr utili rol towe UMTE: N/Modifier liftcati ste OCS; obinson. le all unance with time Canace with to condulate to the darket libe hampfraining fits hav.	acher epoint, ties as the control of	SU d Fir all s ) Acadent M ent M inson lent tra- plete of tr.	ure, target nee, mess slifed.  BSTANDARD: e Range for oldiers of ission) to qualify- -38, Stand: has two Auto o qualify tining on ar their weal are and transpared and transpared are for other to Camp!	N/A M16 the AR other  comated the number inactive ons aining dired or cobinson

4 COMPONENT					2 DATE		
1 COMPONENT ARNG	FY 1994	MILITARY CONST	RUCTION PROJECT D	ATA	2 DATE		
3. INSTALLATION AND	DLOCATION						
CAMP ROBINSON (NORTH LITTLE ROCK)							
ARKANSAS				r 000 "	CT AUMOED		
4 PROJECT TITLE	MODIFIED DECORD FIDE DANCE						
(RETS)							
	ENTAL DATA						
	MATED DESI	GN DATA:					
(1)	(b) Perc (c) Date	ent complete as Design Expecte	of 1 January 1993 d to be 35% Complet		<u>100%</u> <u>3/91</u>		
(2)	BASIS: (a) Stan (b) Wher	dard of definit e was Design Pr	ive Design - Yes _} eviously Used? <u>HN</u> ]	(_ No DM 111			
(3)	(a) Prod (b) All (c) Tota (d) Cont	uction of Plans other design co l ract	+(b) and (d)+(e) and Specification: sts	5	( <u>0</u> ) ( <u>40</u> ) ( <u>40</u> )		
(4)	CONSTRUCT	ION START			6/94		
b. Equi from other fe			s project which wil	ll be p	provided		
			Fiscal Year				
	lpment :lature	Procuring Appropriation	Appropriated or Requested	Co: (\$0)			
	ed Control System	OPA	94	36	7		

1 COMPONENT ARNG	FY 1994 GUAI MILITARY C	RD AND RESE		2 DATE
3 INSTALLATION AND	DLOCATION			4 AREA CONSTR
GOWEN FIELD,	BOISE, IDAHO			91.6
5. FREQUENCY AND T	YPE UTILIZATION			71.0
VEHICLE TRAN	Y WILL BE USED YEAR-RO SITION TRAINING TEAM ( ARTING EVERY FOUR WEEK	(CVT3) HAS A	-WEEK DUR	ATION, WITH A
	ARD/RESERVE INSTALLATIONS WITH			
MOUNTAIN HOM HILL AFB		0 MILES		
FAIRCHILD AF		00 MILES		
	STED IN THIS PROGRAM			
CATEGORY CODE	PROJECT TITLE	SCOPE	(\$000)	DESIGN STATUS START COMPLETE
171	COMBAT VEHICLE TRANSITION COMPLEX	60,143 SF	\$5,044	03/91 03/93
	DROES FACILITIES BOARD RECOMMENDENTIFIED IN ITEM 6 HA		ED BY THE	6 OCT 92
STATE RESERVE USE/EXPANSION	FORCES FACILITIES BO THE BOARD RECOMMEN			
9. LAND ACQUISITION		DATIONS TAKE O		0
NONE				(Number of Acres)
10. PROJECTS PLANNI	ED IN NEXT FOUR YEARS			
	Y HAS BEEN COMPLETED A OF THE PROPOSED PROJE			

1. COMPONENT  ARNG	FY 1994 GUARD AND RESERVE								
3. INSTALLATION AND	LOCATION								
GOVEN FIELD,	BOISE. IDA	10							
11. PERSONNEL STRE	11. PERSONNEL STRENGTH AS OF 30 SEP 92								
AUTHORIZE		PERI OFFICER 5	MANENT ENLISTED 103	CIVILIAN	117	GUARD/RESE OFFICER N/A	ENLISTED N/A		
ACTUAL	107	4	103		116	N/A_	_N/A_		
12. RESERVE UNIT DATA STRENGTH									
UNIT DESIG	INATION				AUTHORIZED		ACTUAL		
COMBAT VEHICLE TRANSITION 117 116 TRAINING TEAM UIC: VITQAA TSPN: 36576									
12. MAJOR EQUIPMEN	T AND AIRCRAFT								
WHEELED VEHIC	ELES				AUTHORIZED 46		ACTUAL 47		
TRAILERS					5		13		
TRACKED VEHIC	LES				62		46		
14. OUTSTANDING PO	LLUTION AND SAFE	TY DEFICI	ENCIES						
20.0				( =	(000				
A. AIR POL	LUTION			)	IONE				
B. WATER P	OLLUTION			1	IONE				
C. OCCUPAT	IONAL SAFET	Y AND	HEAL TH	4	IONE				

ARNG FY 1994 MILITARY CONSTRUCTION PROJECT DATA  3 INSTALLATION AND LOCATION GOVEN FIELD, BOISE, IDAHO  5 PROGRAM ÉLÉMENT 6 CATEGORY CODE 7 PROJECT NUMBER 8. PROJECT COST (£000)  5 PROGRAM ÉLÉMENT 171 160052 5.044	1 COMPONENT								0175
S MASTALATION AND LOCATION  GOVEN FIELD, BOISE, IDAHO  S PROGRAM ELEMENT  O 505896A  171  160052  S PROJECT TITLE  COMBAT VEHICLE TRANSITION  O 505896A  171  160052  S, 0,44   PRIMARY FACILITY  VEHICLE TRAINING BUILDING.  SF 59843  73.50 (4.938  FLAMMABLE MATERIALS STORAGE BUILDING.  SF 59843  73.50 (4.938  FLAMMABLE MATERIALS STORAGE BUILDING.  SF 300 40.00 (12  SUPPORTING FACILITIES.  SIPPORTING FACILITIES.		F	1994 MILITARY CO	NSTRUC	TION P	ROJEC	T D		
GOVEN FIELD, BOISE, IDAHO  COMBAT VEHICLE TRANSITION COMPLEX  PROGRAM ELEMENT  OSO5896A  IT1  GCATEGORY CODE  160052  S. 044  R. COST ESTIMATES  ITEM  UMA QUANTITY UNIT COST (6000)  PRIMARY FACILITY									
SPROGRAM ELEMENT   S. CATEGORY COOE   7 PROJECT NUMBER   S. PROJECT COST (\$000)								**************************************	
OSO5896A 171 160052 5,044    PRIMARY FACILITY.   UMM   QUANTITY   UNIT COST   C	GOWEN FIELD,	. 601	SE, IDANO				CLE	IKANSII	101/
PRIMARY FACILITY.  VEHICLE TRAINING BUILDING.  SF 59843 73.50 (4.398 FLAMMABLE MATERIALS STORAGE BUILDING.  SF 59843 73.50 (4.398 FLAMMABLE MATERIALS STORAGE BUILDING.  SF 300 40.00 (12 SUPPORTING FACILITIES.  SITE PREPARATION. GRADING, SEEDING.  SIDEVALK/FENCING.  LS - (16 FLEXIBLE PAVING.  SY 7200 8.00 (58 WILLITARY PARKING (HARDSTAND).  SY 7200 8.00 (58 WILLITIES: BLEC. GAS. WATER, SEVER.  LS - (11 RIGID PAVING.  SF 33640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  SF 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  LS - (11 RIGID PAVING.  ST 32640 5.35 (175 STORAGE COMPOUND.  ST 32640 5.35 (175 STORAGE COMPOUND.  TO DESCRIPTION OF PROPOSED CONSTRUCTION  CONSTRUCTION OF PROPOSED CONSTRUCTION  CONSTRUCTION OF PROPOSED CONSTRUCTION  CONSTRUCTION OF PROPOSED CONSTRUCTION  CONTINUE OF ST 326 ST 125 ST 32640 5.35 (175 ST 26 ST 125 ST 26 ST	5 PROGRAM ELEMENT							(\$000)	
PRIMARY FACILITY.  VEHICLE TRAINING BUILDING.  SF 59843 73.50 (4.398 FLAMMABLE MATERIALS STORAGE BUILDING.  SF 59843 73.50 (4.398 FLAMMABLE MATERIALS STORAGE BUILDING.  SF 300 40.00 (12 SUPPORTING FACILITIES.  SIPEWALK/FENCING.  LS (16 FLEXIBLE PAVING.  STOEWALK/FENCING.  STOEWALK/FENCING.  LS (16 FLEXIBLE PAVING.  SY 3360 11.00 (59 MILITARY PARKING (HARDSTAND).  SY 77000 8.00 (58 UTILITIES.  ELEC. GAS. WATER. SEVER.  LS (11 RIGID PAVING.  SF 32640 5.35 (175 STORAGE COMPOUND.  LS (10 SUBTOTAL.  CONTINGENCY (5%).  SUPPORTING STORAGE COMPOUND.  SUBTOTAL  CONSTINGENCY (5%).  SUPPORTING STORAGE COMPOUND.  ODESCRIPTION OF PROPOSED CONSTRUCTION  CONSTRUCTION OF P	0505896A 171 160052 5.044								
PRIMARY FACILITY.  VEHICLE TRAINING BUILDING			9. CC	ST ESTIMAT	TES		L		
VEHICLE TRAINING BUILDING. SF   SP843   73.50   (4.398   FLAMMABLE MATERIALS STORAGE BUILDING. SF   300   40.00   (12   SUPPORTING FACILITIES.   329   SITE PREPARATION, GRADING, SEEDING.   SSF   300   40.00   (12   SUPPORTING FACILITIES.   329   SITE PREPARATION, GRADING, SEEDING.   LS   -   (16   FLEXIBLE PAVING.   SSY   5360   11.00   (59   MILITARY PARKING (HARDSTAND).   SSY   7200   8.00   (58   UTILITIES: ELEC. GAS. WATER, SEVER.   LS   -     (11   KIGID PAVING.   SST   32640   5.35   175   STORAGE COMPOUND.   LS   -     (12   4.739   CONTINGENCY (51)   (4.739   68   CONTINGENCY (51			ITEM		U/M	QUANT	ΠΤΥ	UNIT COST	COST (\$000)
SIDEVALK/FENCING	VEHICLE TRATE FLAMMABLE MA SUPPORTING FAC	INING ATERI CILIT	BUILDING  ALS STORAGE BUILI TIES	ING	SF SF				
Construction of a training facility with classrooms, staff and administrative offices, and supply rooms with arms vault. The facility will be a single-story construction, with concrete floors and foundation. The structure will be constructed to allow for future expansion. Project will include landscaping, roads and parking areas, and all utilities.  ALT Conditioning: 52 tons  11. REQUIREMENT: 60,143 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF PROJECT: A 60.143 SF facility to support the training of tank crews and organizational mechanics in all Reserve Components. (New Mission)  REQUIREMENT: A professional Armor Training facility of 57,526 SF, to allow the Combat Vehicle Transition Training Team (CVT3) for Reserve Components to perform its assigned mission. The complex will provide a single facility, adequate to conduct required training on all types of Combat Vehicles.  CURRENT SITUATION: There is no existing facility to accommodate the CVT3 for the Reserve Components. Currently the teams are using inadequate facilities: tents, separate classroom, and admin/supply buildings which have shared with troop units performing weekend or two-week annual training. The additional impact of the CVT3 staff and students seriously overtaxes these existing facilities.  LIMPACT IF NOT PROVIDED: Adverse working conditions and learning environment will continue to degrade the training of all Reserve Components tankers and organizational mechanics. An important mission, performed 345 days annually, vill continue to suffer from substandard particles. During winter months, training will continue to be conducted in tents, with chemical toilets for latrine facilities. The quality of instruction and the morale of the soldiers being trained will continue to be seriously impaired.  D. 100-100-1000-1000-1000-1000-1000-1000-	SIDEVALK/FEN FLEXIBLE PAY MILITARY PAF UTILITIES: RIGID PAVING STORAGE COME SUBTOTAL CONTINGENCY (5 SUPERVISION, 1 TOTAL REQUEST.	NCING VING. RKING ELEC COUND  (X)	(HARDSTAND) , GAS, WATER, SEW	/ER	LS SY SY LS LS LS	7200	)	8.00	( 58) ( 11) ( 175) ( 10) 4,739 237 68
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	ipmen		Procuring	Appropriated	Cost
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Tele	com		AMSCO 519891.10	94	20
Furr	niture	•	AMSCO 519891.30	94	85

	FY 1994 GUARI			2 DATE
ARNG	MILITARY CO	NSTRUCTIO	N	•
INSTALLATION AND				4 AREA CONSTR COST INDEX
GOVEN FIELD.	BOISE, IDAHO			91.6
FREQUENCY AND TYP	PE UTILIZATION			
	USPFO ADMINISTRATION ANNUAL TRAINING.	FUNCTIONS 5	DAYS PER	WEEK WITH DRILL
OTHER ACTIVE/GUAL	RD/RESERVE INSTALLATIONS WITHIN	15 MILE RADIUS		
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HILL AFB, OGDI	EN, UTAH , SPOKANE, WASHINGTON			OO MILES OO MILES
. AINOMILO AND	, or ollation		•	JO MILLS
PROJECTS REQUEST	ED IN THIS PROGRAM			
CATEGORY			COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START COMPLET
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3. INSTALLATION AND LOCATION GOVEN FIELD, BOISE, IDAHO								
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11. PERSONNEL STRE	NGTH AS OF 30 SEP 92							
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ACTUAL		4 69	3572	470 3102				
12. RESERVE UNIT DA	ATA		s	TRENGTH				
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ALL IDAHO AR	MY NATIONAL GUARD UNIT	5 3	1682	3572				
	·							
13. MAJOR EQUIPMEN	IT AND AIRCRAFT							
TYPE NONE		AL	ЛНОRIZED	ACTUAL				
14. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES	(\$006)						
A. AIR POL	LUTION	NONE						
B. WATER F	POLLUTION	NONE						
	TIONAL SAFETY AND HEALT							
DD Form 1390S/	2, MAY 78 REPLACES DO FOR	W 1390S, DEC 76, WHICH	IS OBSOLETE	Page 2 of 2				

ARNG	FY	1994 MILITARY CO	NSTRUC	TIC	ON PF	ROJECT		DATE
3. INSTALLATION AND	LOCATI	ON		4 6	BOIEC	T TITLE		
GOVEN FIELD.							TRATION O	PETCE AN
5. PROGRAM ELEMENT	801	6. CATEGORY CODE	7. PROJE	W/	AREHO	USE ADD	TRATION O ITION PROJECT COST	
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					I			COST
		ITEM			U/M	QUANTITY	UNIT COST	(\$000)
								1.019
					SF	11100	77.00	( 854)
WAREHOUSE					SF	4126	40.00	( 165)
SUPPORTING FAC	ILIT	IES			l l			288
		, GRADING, SEEDING			LS		1	( 22)
		E			SY	2273	15.00	( 35)
					SY	320 230	15.00	( 5
		EMOLITION			LF	230	14.00	( 3
		SERVICES			LS	-	1 [	( 20
		SERVICES			SF	1362	2.00	( 60
		PRINKLING SYSTEM.			LS	1302	1 2.00	( 100
		/GAS/SEVER & ELEC.			LS	_	1	( 40
								1.307
							1	65
		& OVERHEAD (1.42%			[ ]			19
							1	1.391
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3.	INSTALLATION AND	LOCATION	
	GOVEN FIELD	BOISE, IDAHO	
4.	PROJECT TITLE	5. P	ROJECT NUMBER
	USPFO ADMIN	ISTRATION OFFICE AND DDITION	60022

## 11. REQUIREMENT (CONTINUED)

IMPACT IF NOT PROVIDED: The USPFO will continue to work at reduced efficiency because of substandard conditions. The lack of adequate space will continue to degrade the USPFO's readiness, and their ability to provide the maximum support for the National Guard, Army and other service members that train on this installation. Troop morale, recruiting and retention will all suffer because the USPFO personnel are required to operate in an inadequate facility.

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1 COM	MPONENT NG	FY 1994 MILITARY CONSTRUCTION PROJECT D	ATA	2 DATE
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GU	WEN PIELD	, BOISE, IDAHO		
4. PRO	JECT TITLE		5 PROJ	ECT NUMBER
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VAI	REHOUSE A	DDITION	1000	
12.	SUPPLEME	NTAL DATA:		
	a. ESTI	MATED DESIGN DATA:		
	(1)	STATUS:		
		(a) Date Design Started		
		<ul><li>(b) Percent complete as of 1 January 93</li><li>(c) Date Design Expected to be 35% Comple</li></ul>		
		(c) Date Design Expected to be 35% Comple (d) Date Design Completed		
		(d) been beengin compression.		<u> </u>
	(2)	BASIS:		
	(2)	(a) Standard or Definitive Design - Yes _	No	_X_
		(b) Where was Design Previously Used? N/	Δ	
	(3)	COST (TOTAL) (c) = $(a)+(b)$ or $(d)+(e)$ :	(	<b>\$</b> 000}
	(-/	(a) Production of Plans and Specification:		
		(b) All Other Design Costs		
		(c) Total		
		(d) Contract		
		(0)		
	(4)	CONSTRUCTION START	<u>3</u>	/94_
from		ment associated with this project which wi propriations:	ll be ;	provided
		Fiscal Year		
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		ture Appropriation or Requested	(\$000)	L
	Telecom	AMSCO 519891.10 94	5	
	Furniture	AMSCO 519891.30 94	229	

A AREA CONSTR  3. INSTALLATION AND LOCATION HOMEDALE. IDAHO 5. FREQUENCY AND TYPE UTILIZATION  NORMAL ADMINISTRATION FIVE (5) DAYS PER WEEK WITH ONE (1) WEEKEND TRAINING ASSEMBLY PER MONTH, PLUS SPECIAL ASSEMBLIES AS DIRECTED BY HIGHER HEADQUARTERS.  6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG: CALDWELL (16 MILES) ARMORY 24,053 SF 1963 NAMPA (33 MILES) ARMORY 13,240 SF 1957 PAYETTE (36 MILES) ARMORY 8,492 SF 1971  7. PROJECTS REQUESTED IN THIS PROGRAM CATEGORY CODE PROJECT TITLE SCOPE (9000) START COMPLET  171 ARMORY 20,214 SF 1,157 04/89 09/91  B. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM 6 HAS BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT	1 COMPONENT	FY 1994 GUA	CONSTRUCTIO		2. DATE
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14 OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES			
			(\$000)	
A. AIR POL	LUTION		NONE	
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C. OCCUPAT	IONAL SAFETY AND HEALT	1	NONE	
7.1				

DD Form 1390S/2, MAY 78 REPLACES DD FORM 1390S DEC 76, WHICH IS OBSOL

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3. INSTALLATION AND	LOCATIO	N.			A PRO	JEC	T TITLE			
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FACILITIES IDENT STATE RESERVE FO JOINT USE/EXPANS LAND ACQUISITION RECO TO PROJECTS PLANNED IN PROJECT TRAINING SITE FA MILITARY EDUCATI TANK TABLE VI/VI "A SITE SURVEY H	TIFIED IN ITEM 6 HAVI PRICES COMPONENT FACILITIES UNRED  NEXT FOUR YEARS  ACILITIES PHASE VI ON FACILITY	E BEEN EXAM LITY BOARD DIMMENDEND U  FY  96  96  97	FOR POSSIINILATERAL  CO	ELE CONSTRUCT (Number 1)  0.55T (\$000) 6.692 4.634 400  SLE FOR	TION.
FACILITIES IDENT STATE RESERVE FO JOINT USE/EXPANS LAND ACQUISITION RECO TO PROJECTS PLANNED IN PROJECT TRAINING SITE FA MILITARY EDUCATI TANK TABLE VI/VI "A SITE SURVEY H	TIFIED IN ITEM 6 HAVI PREES COMPONENT FACIL SION. THE BOARD RECO UNEXT FOUR YEARS ACCILITIES PHASE VI SION FACILITY SII RANGE HAS BEEN COMPLETED AN THE PROPOSED PROJECT	E BEEN EXAM LITY BOARD DIMMENDEND U  FY  96  96  97	FOR POSSIINILATERAL  CO	ELE CONSTRUCT (Number 1)  0.55T (\$000) 6.692 4.634 400  SLE FOR	TION.

1 COMPONENT	FY 1994 GUARD AND RE		2 DATE
3 INSTALLATION AND LOCATION			
ATTERBURY (ARFTA) (E	DINRURGH) INDIANA		
11 PERSONNEL STRENGTH AS OF			t
TI PERSONNEE GINENGTI NO SC	30 367 92		
TOTAL	PERMANENT  OFFICER ENLISTED CIVILIAN	GUARD/RE TOTAL OFFICER	ENLISTED
AUTHORIZE		14,023 1287	12,736
ACTUAL		14,053 1285	12.768
12 RESERVE UNIT DATA		STREN	GTH
UNIT DESIGNATION		AUTHORIZED	ACTUAL
ALL INDIANA ARMY NAT	IONAL GUARD	14,023	14,053
ARNG UNITS FROM OHIO, AND MISSOURI.	, KENTUCKY, ILLINOIS,		
USAR UNITS FROM OHIO, AND INDIANA.	. KENTUCKY. ILLINOIS		
13 MAJOR EQUIPMENT AND AIRCRA	AFT		
TYPE		AUT HORIZED	407111
N/A		AUTHORIZED	ACTUAL.
14 OUTSTANDING POLLUTION AND	SAFETY DEFICIENCIES		
		(\$000)	
A. AIR POLLUTION		NONE	
B. WATER POLLUTION		NONE	
C. OCCUPATIONAL SA	FETY AND HEALTH	NONE	
D Form 1390S/2 MAY 78	REPLACES DO FORM 1390S DEC. 76	HAMON IS OBSOLETS	Page 2 of 3

1 COMPONENT									DATE
ARNG		994 MILITARY CO	NSTRUC	OITS	N PF	ROJEC	T DA	TA A	28 S93
3 INSTALLATION AND	LOCATION			4. Pf	POJEC	T TITLE			
ATTERBURY R		FORCES TRAINING			FANT ETS)		UAD	BATTLE	COURSE
5. PROGRAM ELEMENT		CATEGORY CODE	7. PROJE				8. PR	OJECT COST	(\$000)
0505896A		179	1800	36			1.	156	
		9. CO	ST ESTIMAT	TES					
		ITEM			U/M	QUANT	ΊΤΥ	UNIT COST	COST (\$000)
BATTLE COURSUPPORTING FAISITE PREPARA, OPERATIONS /S LATRINE /AMME ELECT SERVI MILITARY PAI	SE RANG CILITIE ATION STORAGE D BLDG. CE RKING	E.S./INSTRUCTION BL	DGS		LS SF SF LS SY SY	1600 440 	)	- 60.00 65.90 - B.00 7.00	661 (661) 418 (204) (96) (29) (20) (55)
FLAG POLE/PACOMMUNICATION SUBTOTAL CONTIGENCY (5 SUPERVISION, TOTAL REQUEST	A POLES ONS I) INSP &	& WIRING			LS	-		7.	( 4) ( 5) 1.079 54 23 1.156 ( 451)
defensive live objectives for facilities in complex and a admin/instruct access/service improvements. Air Condition, 11. REQUIREM	Infantre fire rarei clude a contro ion bu roads	y Squad Battle ( following the Ai nforced, dismour ll construction l tower. Range ilding, ammo bre , parking area, tons for contro ADEQUY	rmy Tranted, in within support akdown utilited tower tower tower tower towers.	ini infa th th bu ies	ng 6 ntry e pe acil ildi	rifl rimet ities .ng. l	e se er e incatricati	ton Plan quad. Pr of the r clude toe. tons and	(ARTEP) imary ange site
and defensive project covers Indiana. (Cur REQUIREMENT: collective livin the Indiana CURRENT SITUAT equivalent ran Indiana or wit IMPACT IF NOT be able to consignificant, a deployability	rent M This refire ARNG. ION: ge ava hin re PROVID	Infantry Squad ios for ARTEP St cres of federall issico) ange is required training and ev There ie no Infa ilable on the in asonable commuti ED: If this pro squired ARTEP sq impact on the pro to vital exist. nts will not be	andard y owne i to pr valuati intry S stalla ing dis oject i juad le orofici Combat	quantion tandante	aini and de A for d Ba n, a ce. ot p tra y, r apon	ng an licen RTEP all i ttle nywhe rovid ining eadin s liv	d Evandarian Courre in or eas	valuation to the siderd of the siderd of the Siderd of the	n. This State of le squads tate of ill not ion. A

AREA (I PROJECT T INFANTE (RETS)	JRY REDINB	LOCATION ESERVE URGH). UAD BA NTAL D. MATED STATU (a) (b)	FORCE INDIA  TTLE   ATA  DESIGN  S:			N PROJECT	5 PRO	JECT NUMBER
ATTERBI AREA (I PROJECT T INFANTI (RETS) 2. SUPI	JRY REDINB	ESERVE URGH). UAD BA NTAL D. MATED STATU (a) (b)	FORCI INDIA TTLE ( ATA DESIGN	COURSE			1	
AREA (I PROJECT T INFANTE (RETS) 2. SUPI	DINB TLE RY SQ PLEME ESTI	URGH), UAD BA NTAL D MATED STATU (a) (b)	INDI:	COURSE			1	
PROJECT T INFANTE (RETS) 2. SUPI	TLE RY SQ PLEME ESTI	UAD BA  NTAL D  MATED  STATU (a) (b)	TTLE ( ATA DESIGN	COURSE			1	
INFANTE (RETS) 2. SUPI	PLEME ESTI	MATED STATU (a) (b)	ATA DESIGI				1	
(RETS) 2. SUPI	PLEME	MATED STATU (a) (b)	ATA DESIGI				180	036
	ESTI	MATED STATU (a) (b)	DESIGI S:	N DATA:				
а.		STATU (a) (b)	S:	N DATA:				
	(1)	(a) (b)						
		(b)	Date 1					
		(b)	Du CC .	Design Star	ted			3/92
		(c)	Percei	t complete	as of 1 J	anuary 199	3	100%
				Design Expe Design Comp				
		(0)	Date 1	esign comp	reced			
	(2)	BASIS						
				rd of defi				
		(p)	Where	was Design	Previousl	y Used? <u>H</u>	NDM 111	0-1-19
	(3)	COST	(TOTAI	.) = (c) =	(a)+(b) an	d (d)+(e)		(\$000)
	(-,			tion of Pl			ns	
				her design				
				ct				
		(e) :	In-Hou	156				(_0_)
	(4)	CONST	RUCTIO	N START				3/94
<b>b</b> .	Equi	pment a	associ	ated with	this proje	ct which w	ill be	provided
rom othe	r fe	deral	approp	riations:	, ,			
						cal Year		
		ment		Procuring		ropriated		ost
	Nome	nclatur	re	Appropriat	lon or R	equested	(4	(000)
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	J-SI	IDS		OPA		94		7

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PAGE NO

1 COMPONENT ARNG	FY 1994 GUARD MILITARY CO			2. DATE	}
INSTALLATION AND LO	CATION	1		4 AREA CO	NSTR
ATTERBURY (ARF	ra) (EDINBURGH), INDIA	ANA		97.4	DEX
S. FREQUENCY AND TYPE	UTILIZATION	<del></del>			
BATTALIONS AND ANNUAL TRAINING	JSED FOR WEEKEND TRAIN 50 COMPANY-SIZE UNITS G 12 WEEKS PER YEAR BY	S. TRAINING Y 5 BRIGADE-	SITE WILL	BE USED FO	OR
	RESERVE INSTALLATIONS WITHIN 1	15 MILE RADIUS ARMORY	16855 S	F 1979	
ARNG: COLUMBUS EDINBURG		ARMORY	67081 S		
	RBURY (O MILES)	ARMORY	0.001.0	1974	
7. PROJECTS REQUESTED	O IN THIS PROGRAM		cost	DESIGN STAT	nus
CODE	PROJECT TITLE	SCOPE	(\$000)		MPLETE
179	MODIFIED RECORD	D 16 LANES	654	05/90	08/91
	FIRE RANGE (RE' UPGRADE		-		
FACILITIES IDEN	FIRE RANGE (RE	ATION E BEEN EXAMI	- NED BY THE DR POSSIBL	18 FEB (Date)	93
FACILITIES IDEN STATE RESERVE I JOINT USE /EXPAN	FIRE RANGE (RETUPGRADE  ES FACILITIES BOARD RECOMMEND.  TIFIED IN ITEM 6 HAVI  FORCES COMPONENT FACILI  SION. THE BOARD RECO	ATION E BEEN EXAMI	- NED BY THE DR POSSIBL	18 FEB (Oxfe)  ONSTRUCTION	93 N.
FACILITIES IDEN STATE RESERVE I JOINT USE /EXPAI 9. LAND ACQUISITION RE	FIRE RANGE (RETUPGRADE  ES FACILITIES BOARD RECOMMEND.  VIIFIED IN ITEM 6 HAVI  FORCES COMPONENT FACIL  VISION. THE BOARD RECOMMEND.	ATION E BEEN EXAMI	- NED BY THE DR POSSIBL	18 FEB (Date) E (Date)	93 N.
FACILITIES IDEN STATE RESERVE I JOINT USE /EXPAI 9. LAND ACQUISITION RE	FIRE RANGE (RETUPGRADE  ES FACILITIES BOARD RECOMMEND.  VIIFIED IN ITEM 6 HAVI  FORCES COMPONENT FACIL  VISION. THE BOARD RECOMMEND.	ATION E BEEN EXAMI	NED BY THE DR POSSIBL ILATERAL C	18 FEB (Oxfe)  ONSTRUCTION	93 N.
FACILITIES IDENSTATE RESERVE IN JOINT USE/EXPANO LAND ACQUISITION RE 10. PROJECTS PLANNED PROJECT	FIRE RANGE (RETUPGRADE  ES FACILITIES BOARD RECOMMEND.  VIIFIED IN ITEM 6 HAVI  FORCES COMPONENT FACIL  VISION. THE BOARD RECOMMEND.	ATION E BEEN EXAMI LITY BOARD F OMMENDEND UN	NED BY THE DR POSSIBL ILATERAL C	E (Date) ONSTRUCTION O (Number of A	93 N.
FACILITIES IDENSTATE RESERVE IN JOINT USE/EXPANO LAND ACQUISITION RE 10. PROJECTS PLANNED PROJECT	FIRE RANGE (RETUPGRADE  ES FACILITIES BOARD RECOMMEND.  VITIFIED IN ITEM 6 HAVI  PORCES COMPONENT FACILITIES COMPONENT FACILITIES FACILITIES PHASE VI	ATION E BEEN EXAMI LITY BOARD F DMMENDEND UN	NED BY THE DR POSSIBL ILATERAL C	18 FEB (Pate) E ONSTRUCTION O (Number of A	93 N.
FACILITIES IDENSITY OF THE PROJECT PROJECT PROJECT PROJECT PRAINING SITE IN THE PROJECT PROJEC	FIRE RANGE (RETUPGRADE  WES FACILITIES BOARD RECOMMEND.  WITIFIED IN ITEM 6 HAVI FORCES COMPONENT FACILITIES PHASE VI FION FACILITY	ATION E BEEN EXAMI LITY BOARD F OMMENDEND UN FY 96	NED BY THE DR POSSIBL ILATERAL C	18 FEB (Date)  ONSTRUCTION  O(Number of A)  ST (\$000)  6.692	93 N.

"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED".

FY 1994 GUARD AND RESERVE						
ARNG	MILITARY CONSTRUC	CTION	10 a 223			
3. INSTALLATION AND	LOCATION					
ATTERBURY (A	RFTA) (EDINBURGH), INDIANA					
11. PERSONNEL STRE	NGTH AS OF 30 SEP 92					
	PERMANENT	GUARD/RES	ERVE			
	TOTAL OFFICER ENLISTED CIVILIAN	TOTAL OFFICER	ENLISTED			
AUTHORIZE		14.023 1287				
ACTUAL		14,053 1285	12,768			
12 RESERVE UNIT DA	TA	PTPFAH				
		STREN				
UNIT DESIG		AUTHORIZED 14,023	14.053			
VEC TURITANY	ARMY NATIONAL GUARD	14,063	14,000			
ARNG UNITS FI	ROM OHIO, KENTUCKY, ILLINOIS,					
	ROM OHIO, KENTUCKY, ILLINOIS					
AND INDIANA.						
		•				
13. MAJOR EQUIPMEN	IT AND AIRCRAFT		·····			
TYPE		AUTHORIZED	ACTUAL			
N/A						
14 OUTSTANDING PO	ILLUTION AND SAFETY DEFICIENCIES	/*000				
		(\$000)				
A. AIR POL	LUTION	NONE				
B. WATER F	POLLUTION	NONE				
C. OCCUPAT	FIONAL SAFETY AND HEALTH	NONE				
DD Form 1390S/	2, MAY 78 REPLACES DD FORM 1390S. DEC 7	6, WHICH IS OBSOLETE	Page 2 of 2			

1 COMPONENT						7 -	DATE		
ARNG	FY 1994 MILITARY CO	NSTRUCT	ION PE	ROJEC	T DATA	1	DATE - i∏ - j		
3 INSTALLATION AND LOCATION 4 PROJECT TITLE									
ATTERBURY RESERVE FORCES TRAINING MODIFIED RECORD FIRE RANGE (RETS), UPGRADE									
5. PROGRAM ELEMENT	MENT 6 CATEGORY CODE 7 PROJECT NUMBER 8. PROJECT COST (\$000)								
0505896A 179 180041 654									
9. COST ESTIMATES									
	(TEM		U/M	QUANT	ITY UNIT C	ost	COST (\$000)		
RANGE UPGRAM MODIFIED COI SUPPORTING FAG SITE PREPAR TARGET STOR. PA SYSTEM VIGRADING & SI SUBTOTAL	ITY. DE. NTROL TOWER. CILITIES. AATION. AGE BLDG ADDITION. IRING. EEDING. 5.2). DISP & OVERHEAD (1.522		LS LS SF LS AC	323 - 5	30.	-	574 ( 551) ( 23) 39 ( 15) ( 10) ( 4) ( 10) 613 31 10 654 ( 448)		
This project winto a Modifical Aftrocondition of the PROJECT: This Fire Range to follows criter Engineers desilicensed to the REQUIREMENT: two target bun wiring. A ran required in the system will be is also required for the system will be capability. IMPACT IF NOT individual wand maintaining and maintaining and maintaining and maintaining and maintaining the product of the proje	project consists of u provide a Modified Re ia established for su ign manual. This project state of Indiana. The proposed range up kers per lane and add ige control computer see control tower. Wire added. An addition	RETS). tover ATE: N/A pgrading cord Fire ch range ect cover (Current grade vii itional e ystem and ing and i to the er has one : nually of equate ex ves viil aded to i	an exection existing the description of the descrip	SUCISTIN SOLUTION SOL	BSTANDAR g 16 lan nge. The ed in th of Fede the addi power an tion syst tion syst tion for get stor: ord Fire has no i ge facilit The de ily is e:	D: le Ree e Coral tion de cora	N/A ecord pgrade prps of land n of ontrol are ublic building age d firing		

1 COMPONENT					2 DATE				
ARNG	FY	1994 MILITARY CONS	TRUCTION PROJECT D	ATA	زع				
3 INSTALLATION AND LOCATION									
		E FORCES TRAINING							
AREA (EDIN	BURGH)	, INDIANA		r 1000 II	ECT NUMBER				
MODIFIED R		FIRE RANGE		1800					
a. EST	IMATED	DESIGN DATA:							
(1)	STATI	IIS:							
} ```		Date Design Started	1	5	/90				
1	(b)	Percent complete as	of 1 January 93	1	20%				
J	(c)	Date Design Expecte Date Design Complet							
	(3)	Date Design complete		<u>v</u>					
(2)	BASIS								
	(a) (b)	Standard or Definit Where was Design Pr							
	(2)	andre was besign ?!	evicusiy esedi <u>m</u> .	ZII	<u></u>				
(3)		(TOTAL) (c) = (a)+(			(\$000)				
	(a) (b)	Production of Plans All Other Design Co							
1	(c)	Total							
	(b)	Contract		(	30 )				
	(e)	In-House	• • • • • • • • • • • • • • • • • • • •	(_	0_)				
(4)	CONST	RUCTION START		<u> </u>	5/94_				
b. Equi from other ap		associated with thi ations:	s project which wil	l be p	provided				
			Fiscal Year		ĺ				
Equipmen		Procuring	Appropriated	Cost					
Nomenc 1	ature	Appropriation	or Requested	(\$000	')				
Remote T System (		OPA	94	448					
					1				
					1				
					}				
					1				
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ASSEMBLY ONE WE	UTILIZATION  RATION FIVE (5 EKEND PER MONT  PRESERVE INSTALLATION (22 MILES) (25 MILES) (22 MILES)  IN THIS PROGRAM  PROJECT 111	S WITHIN 15 MILE RADIUS		88	
NORMAL ADMINIST ASSEMBLY ONE VE OTHER ACTIVE/GUARD ARNG: AUBURN LEVISTON USAR: AUBURN PROJECTS REQUESTED CATEGORY CODE	RATION FIVE (5 EKEND PER MONT  RESERVE INSTALLATION (22 MILES) (25 MILES) (22 MILES) IN THIS PROGRAM  PROJECT TIT	S WITHIN 15 MILE PADIUS OMS 4,960 ARMORY 24,01	SF 1961	JOINT U	
ARNG: AUBURN LEWISTON  JSAR: AUBURN  PROJECTS REQUESTED CATEGORY CODE	(22 MILES) (25 MILES) (22 MILES) D IN THIS PROGRAM  PROJECT TH	OMS 4,960 ARMORY 24.01			SE WITH
PROJECTS REQUESTED CATEGORY CODE	IN THIS PROGRAM				
CATEGORY CODE	PROJECT TIT				
1/1			COST (\$000)	START	STATUS COMPLETE
	ARMORY EXPANSIO REHABILI	•	F 1.380	12/88	02/93
STATE RESERVE F	TIFIED IN ITEM ORCES FACILITI BOARD RECOMME	6 HAS BEEN EXAM ES BOARD FOR POS NDATIONS ARE UNI	SIBLE JOINT	(D)	ate)
NONE				(Number	of Acres)
0. PROJECTS PLANNED II NONE	N NEXT FOUR YEARS		·		
		ETED AND THE SITI PROJECT AT THE ES			.TED"
Form 1390S/1, N	MAY 7B	120/215			Page 1 of_

1 COMPONENT FY 1994 GUARD AND I	RESERVE	2 DATE
ARNG MILITARY CONSTRU	JCTION	ત્રતા છાત્રી
3 INSTALLATION AND LOCATION		
NORWAY, MAINE		
11. PERSONNEL STRENGTH AS OF 30 SEP 92		
PERMANENT	GUARD/RE	SERVE
TOTAL OFFICER ENLISTED CIVILIAN		
AUTHORIZE	161	
ACTUAL		148
12. RESERVE UNIT DATA		
	STREM	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
CO C, 133D ENGINEER BATTALION UIC WQQNCO TSPN 21364	161	154
	_	
	•	
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
WHEELED VEHICLES	40	32
TRAILERS	23	21
TRACKED VEHICLES	3	. 2
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	NONE	
B. WATER POLLUTION	NONE	
C. OCCUPATIONAL SAFETY AND HEALTH	NONE	
DD Form 1390S/2, MAY 78 REPLACES DD FORM 1390S, DEC	TO MAJICU IS OPEN STE	Page 2 of 2

1 COMPONENT ARNG F	Y 1994 MILITARY C	ONSTRUC	TION PE	ROJEC	T DA		: DATE +78 1033
3. INSTALLATION AND LOCA	TION		4 PROJEC	T TITLE			
NORWAY, MAINE			ARMORY	EXPA	NSI	ON/REHA	BILITATION
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	CT NUMBER	1	8. PF	OJECT COS	T (\$000)
0505896A	171	2300	02	1,380			
	9. (	COST ESTIMATE	ES				
	ITEM		U/M	QUANT	TTY	UNIT COS	COST (\$000)
REHABILITATION. SUPPORTING FACILI SITE PREPARATIC DEMOLITION, WAS FINE GRADING, S FENCING, CONCRE PARKING & PAVIN UTILITIES: WATE SUBTOTAL	THES IN (100% STATE) IN RACK, FUEL DSI: EEDING & PLANTING TE PAVING, WALKS IG: MIL, OFF STRE: ER/SEWER & TELCOM	P SYSG. ET/ACCESS	. SF SF	13,10	23	79.65 36.87	1,432 (1,044) ( 388) 378 ( 88) ( 102) ( 17) ( 33) ( 125) ( 13) 1,810 91 27 1,380 ( 548) 1,380

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed two story facility of permanent construction. Consisting of concrete block with brick on a concrete foundation and floor. The existing armory will undergo rehabilitation in conjunction with this addition to provide an energy efficient structure with adequate space for the assigned unit. Upgrading of the heating and ventilation system, power and lighting system and demolition work.

Air Conditioning: NONE

11. REQUIREMENT: 33,644 SF ADEQUATE: 10,014 SF SUBSTANDARD: 10, 523 SF PROJECT: This project will provide a modern and efficient armory to meet administrative & training requirements of the assigned unit. (Current Mission)

REQUIREMENT: This facility is required to provide functional areas for Company D, 262nd Engineer Battalion (Cbt) (Corps) with a required strength of 160 personnel as well as their assigned equipment. This armory will provide the necessary administrative, indoor training areas, equipment training and storage areas to achieve the proficiency is required training and to accomplish the assigned readiness objectives.

CURRENT SITUATION: The current Norway Armory was constructed in 1941. This facility has deteriorated from aging and is extremely energy inefficient and poorly configured. Company D, 262nd Engineer Bn was formerly a split unit with a detachment in Rumford, ME. In 1984 the unit was consolidated in the Norway Armory. The current building is severely lacking space for administration, food service and training (classroom,

1. COMPONENT	TV 4004 MU ITARY CONSTRUCTION SEC 1507 BA	T.A.	2. DATE					
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT DA	NIA	APR 1993					
3. INSTALLATION AND								
NORWAY, MAI								
4. PROJECT TITLE S. PROJECT NUMBER ARMORY EXPANSION/REHABILITATION 230002								
ARMORI EXPA	NSTON/REMADILITATION	230	002					
	NT (CONTINUED)	44	audda					
CURRENT SITUA visual storag	e and unit maintenance training areas). Th	e exi	sting					
facility is c	urrently situated on a 6.3 acre State owned	site.						
IMPACT IF NOT	PROVIDED: The assigned unit will be requir g undersized and substandard facility. Thes	e con	ditions have					
a detrimental	effect upon the unit's morale and readiness	. Th	e State will					
continue to w	aste thousands of dollars to operate this in	adequ	ate					
facility.								

ARNG  3. INSTALLATION AND LOCATION NORWAY, MAINE  4. PROJECT TITLE ARMORY EXPANSION/REHABILITATION  230  12. SUPPLEMENTAL DATA  2. ESTIMATED DESIGN DATA: (1) STATUS: (2) Date Design Started	. COMPONENT					2. DATE		
NORWAY, MAINE  Description  ARMORY EXPANSION/REHABILITATION  230  230  230  230  230  230  230  23		FY 19	4 MILITARY CONSTR	RUCTION PROJECT I	DATA	n.lit 1993		
ARMORY EXPANSION/REHABILITATION  2. SUPPLEMENTAL DATA  a. ESTIMATED DESIGN DATA: (1) STATUS: (a) Date Design Started	INSTALLATION AND	LOCATION				1		
ARMORY EXPANSION/REHABILITATION  2. SUPPLEMENTAL DATA  a. ESTIMATED DESIGN DATA: (1) STATUS: (a) Date Design Started (b) Percent complete as of 1 January 1993 (c) Date Design Expected to be 35% Complete (d) Date Design Completed  (2) BASIS: (a) Standard of definitive Design - Yes No (b) Where was Design Previously Used? N/A  (3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e) (a) Production of Plans and Specifications (b) All other design costs	NORWAY, MAI	NE						
2. SUPPLEMENTAL DATA  a. ESTIMATED DESIGN DATA: (1) STATUS: (a) Date Design Started		VOTAN DE			5. PRO	JECT NUMBER		
a. ESTIMATED DESIGN DATA:  (1) STATUS:  (a) Date Design Started  (b) Percent complete as of 1 January 1993  (c) Date Design Expected to be 35% Complete  (d) Date Design Completed  (2) BASIS:  (a) Standard of definitive Design - Yes No (b) Where was Design Previously Used? N/A  (3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e)  (a) Production of Plans and Specifications  (b) All other design costs  (c) Total  (d) Contract  (e) In-House  (4) CONSTRUCTION START  b. Equipment associated with this project which will be not other appropriation:  Fiscal Year  Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested 18000	ARMURI EXPA	NSTUN/KE	HABILIIAIION		230	002		
(1) STATUS:  (a) Date Design Started.  (b) Percent complete as of 1 January 1993  (c) Date Design Expected to be 35% Complete  (d) Date Design Completed  (2) BASIS:  (a) Standard of definitive Design - Yes No (b) Where was Design Previously Used? N/A  (3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e)  (a) Production of Plans and Specifications  (b) All other design costs  (c) Total  (d) Contract  (e) In-House  (4) CONSTRUCTION START  b. Equipment associated with this project which will be nother appropriation:  Fiscal Year  Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested 18000	2. SUPPLEME	NTAL DAT	A.					
(a) Date Design Started			SIGN DATA:					
(c) Date Design Expected to be 35% Complete (d) Date Design Completed	(-/	(a) Da	te Design Started.			12/88		
(d) Date Design Completed		(c) Date	rcent complete as to Dosign Expocted	of 1 January 1993 to be 35% Comple		·· <u>65%</u>		
(a) Standard of definitive Design - Yes No (b) Where was Design Previously Used? N/A  (3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e) (a) Production of Plans and Specifications (b) All other design costs (c) Total (d) Contract (e) In-House  (4) CONSTRUCTION START  b. Equipment associated with this project which will be nother appropriation:  Fiscal Year Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested 18000		(d) Da	te Design Complete	d		2/93		
(b) Where was Design Previously Used? N/A  (3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e)  (a) Production of Plans and Specifications  (b) All other design costs	(2)	BASIS:						
(3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e)  (a) Production of Plans and Specifications  (b) All other design costs		(a) Sta	indard of definiti	ve Design - Yes _	No	X		
(a) Production of Plans and Specifications (b) All other design costs		(b) who	ore was besign fre	viously Used? N/	Δ			
(b) All other design costs (c) Total (d) Contract (e) In-House  (4) CONSTRUCTION START  b. Equipment associated with this project which will be not other appropriation:  Fiscal Year Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested 18000	(3)	COST (TO	TAL) = (c) = (a)+	(b) and (d)+(e)		(\$000)		
(c) Total		(a) Production of Plans and Specifications( <u>0</u> ) (b) All other design costs						
(e) In-House		(c) Tot	al			(_58)		
b. Equipment associated with this project which will be now other appropriation:  Piscal Year Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested 18000			House	· · · · · · · · · · · · · · · · · · ·		( <u></u>		
om other appropriation:  Piscal Year  Equipment Procuring Appropriated Cost  Nomenclature Appropriation or Requested (800)	(4)	CONSTRUC	TION START		• • • • • •	10/93		
Equipment Procuring Appropriated Cost Nomenclature Appropriation or Requested (\$000)	b. Equipom other app	oment ass propriati	ociated with this	project which wi	ll be	provided		
Nomenclature Appropriation or Requested (\$000								
Kitchen Equip AMSCO 522811.00 94 20	Kitchen	Equip	AMSCO 522811.00	94	20			
Telephone AMSCO 529895.10 94 3	Telepho	ne	AMSCO 529895.10	94	3			

1. COMPONENT ARNG			RD AND RESEL		2 DATE
. INSTALLATION	AND LOCATION				4. AREA CONSTR COST INDEX
TOWSON, MA	RYLAND				97.5
NORMAL ADM			YS PER VEEK VI	TH A MAX	IMUM OF ONE (1)
WEEKEND AS					
		E INSTALLATIONS WITH		ARMORY	26,401 SF 1933
ARNG: TOWS	VILLE	(8 MILES)	300 PERSON-		36,366 SF 1964
PIKE	SVILLE	(9 MILES)	600 PERSON-	ARMORY	96,455 SF 1903
PROJECTS REC	WESTED IN THIS	PROGRAM			
CATEGORY CODE		PROJECT TITLE	SCOPE	(\$000)	DESIGN STATUS START COMPLE
171		ARMORY ALTERATION/ ADDITION	62,584 SF	2,823	08/88 04/93
			TIPLE TO A TIPLE		
FACILITIES	IDENTIFIE	ITIES BOARD RECOMME D IN ITEM 6 H	AS BEEN EXAMIN		
STATE RESE EXPANSION.	RVE FORCES THE BOAF	FACILITIES BORD RECOMMENDAT	OARD FOR POSSI IONS ARE UNILA	BLE JOIN TERAL CO	NSTRUCTION.
LAND ACQUISIT					(Number of Acres)
O. PROJECTS PL NONE	ANNED IN NEXT	FOUR YEARS			
NONE					
"A SITE SU	RVEY HAS I	BEEN COMPLETED	AND THE SITE	IS SUITA	ABLE FOR COST INDICATED"
CONSTRUCTI	on or the	INCIOSED INOS			
D Form 120	S/1, MAY 7	78	120/215		Page 1

1. COMPONENT ARNG		1994 GUA					2. DATE 30 .: :933
3. INSTALLATION AND	LOCATION						
TOWSON, MARYI	.AND						
11. PERSONNEL STRE	NGTH AS OF 30	SEP 92					
		PERMANENT				GUARD/RES	
	TOTAL OF	FICER ENLIS		CMLIAN	TOTAL	OFFICER	
AUTHORIZE	47	12	33	2	344	49	295
ACTUAL	45	10	33	2	380	43	337
12. RESERVE UNIT DA	ТА			_		STREN	
UNIT DESIG	NATION				AUTHORIZED	3,7270	ACTUAL
HHC/MMC SPT C		DIV (L)			134		215
UIC WA6XAA TSPN 0702935		(2)					
CO B, 2ND BN, UIC WPHVBO TSPN 0702947		29TH INF	DIV	(L)	130		104
CO A (-DET 16 UIC WV62AO TPSN 0702904		BN, 29TF	H INF	DIV (L)	80		61
			тот	NL .	344		380
13. MAJOR EQUIPMEN	T AND AIRCRAFT			<del></del>			
TYPE					AUTHORIZED		ACTUAL
NONE							
14. OUTSTANDING POL	LUTION AND SAFETY	DEFICIENCIES	_		(\$000	))	
A. AIR POL	LUTION				NONE	:	
B. WATER P	OLLUTION				NONE	:	
C. OCCUPAT	IONAL SAFETY	AND HEAL	TH		NONE	:	
D Form 1390S/2	, MAY 78 RE	PLACES DO FO	ORM 139	0S, DEC 76, W	HICH IS OBSOLI	ETE	Page 2 of 2

ARNG F	Y 1994 MILITARY C	ONSTRUCTION	ON PE	ROJECT D		DATE		
INSTALLATION AND LOCA	TION	14.	PROJEC	T TITLE				
TOWSON, MARYLAN		A	RMORY	ALTERAT	ION/ADDI	TION		
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. P	ROJECT COST	(\$000)		
0505896A 171 240016 2.823								
	9 (	OST ESTIMATES						
	ITEM	U/M	QUANTITY	UNIT COST	(\$000)			
ARMORY ALTERATI ARMORY ADDITION SUPPORTING FACILI UTILITY CONNECT POV PARKING SITE PREPARATIO GRADING AND SEE SIDEVALKS SUBTOTAL SUPERVISION, INSP TOTAL REQUEST	TIES. TIONS. INS. IDING. A OVERHEAD (1.3	72)	SF SF LS LS LS SF	35.877 26.707 - - - 1,000	11.87 80.13 - - - 1.25	2.566 ( 426) (2.140) (86 ( 15) ( 10) ( 55) ( 5) ( 2,652) 133 38 2.823 ( 15)		
nuthorized space rovide the autho didition to the eir Conditioning: 1. REQUIREMENT: ROJECT: Alterat accommodation for eadiness posture regularement: The incommodation for eadiness in order to diministration. Senhance proficien rovide adequate current SITUATION as constructed i lesigned, the face MPACT IF NOT PRO the three assigned ack of space wou	in addition to the for current critical accommodativating building. 60 tons 62.584 SF ADEQ ions and an addition and a signed unform military tasis. (Current Missister of the accommoditorage, indoor troy in readiness of accilities for it.	pria for the lons it will cons it will cons it will consider the long of the l	ne ac 1 be vith ccess Incre 1 en stmen suff sas as Thi sists 7 siz 7 fici	substand, and it is a second of the second o	to be ho yy to cor ities.  RRD: 35,8 ovide ovill er i improve tze to hor r activi is need 77 gross unds. As to accomal area outlity of	nused. To struct a st		

	,									
1 COMPONENT	EV 100	4 MILITARY CONSTR	HOTION BROJECT B	ATA	2 DATE					
ARNG	1 1137	WILLIAMI CONSTA	OCTION PROJECT D	AIA	WR 1393					
3. INSTALLATION AN TOWSON, MAI										
4. PROJECT TITLE										
ARMORY ALT	ARMORY ALTERATION/ADDITION 240016									
12. SUPPLEM	ENTAL DATA	1								
a. EST: (1)	STATUS: (a) Dat (b) Per (c) Dat	SIGN DATA: te Design Started. cent complete as of the Design Expected the Design Complete	of 1 January 1993 to be 35% Comple	 te	<u>65%</u> <u>5/90</u>					
(2)		andarð of definiti ere was Design Pre			<u>X</u>					
(3)	(3) COST (TOTAL) = (c) = (a)+(b) and (d)+(e) (\$000) (a) Production of Plans and Specifications ( 0) (b) All other design costs ( 0) (c) Total ( 117) (d) Contract ( 117) (e) In-House ( 0)									
(4)	CONSTRUC	TION START			10/93					
. b. Equi		sociated with this on:	project which wil	ll be p	provided					
			Fiscal Year							
	pment clature	Procuring Appropriation	Appropriated or Requested	Cost (\$00)						
Kitche	n Equip	AMSC0 522811.00	94	15						

1. COMPONENT ARNG	FY 1994 GUARD A MILITARY CON			2. DA	re 533
3. INSTALLATION AND	LOCATION	·		4. ARI	A CONSTR
CAMP RIPLEY	(LITTLE FALLS), MINNESOTA	A			0.0
5. FREQUENCY AND TY	PE UTILIZATION				0.0
	3 OF 52 WEEKENDS ANNUALLY AR FOR UNITS CONDUCTING A			TRAINING	AND 42
S. OTHER ACTIVE/GUA	RD/RESERVE INSTALLATIONS WITHIN 15	MILE RADIUS			
BRAINERD	(23 MILES) ARMORY			1988	
LONG PRAIRIE	(33 MILES) ARMORY			1920	
ST. CLOUD	(37 MILES) ARMORY	26447	SF	1960	
7. PROJECTS REQUES	TED IN THIS PROGRAM				
CATEGORY			COST		STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLETE
179	MULTI PURPOSE RANGE COMPLEX	LS	3,185	01/92	04/93
	(RETS)				
	(RETS)				
	ACES FACILITIES BOARD RECOMMENDATI			3 FEB	93
FACILITIES ID	` '	BEEN EXAMI		HE -/De	
FACILITIES ID STATE RESERVE	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI	BEEN EXAMI TY BOARD F	OR POSSI	HE (De	(0)
FACILITIES ID STATE RESERVE JOINT USE/EXP	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI ANSION. THE BOARD RECOM	BEEN EXAMI TY BOARD F	OR POSSI	BLE (De CONSTRUCT	ON.
FACILITIES ID STATE RESERVE JOINT USE/EXP.	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI ANSION. THE BOARD RECOM REQUIRED	BEEN EXAMI TY BOARD F	OR POSSI	BLE (De CONSTRUCT	io)
FACILITIES ID STATE RESERVE JOINT USE/EXP.	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI ANSION. THE BOARD RECOM REQUIRED DIN NEXT FOUR YEARS	BEEN EXAMI TY BOARD F	OR POSSI	BLE (De CONSTRUCT	CION.
FACILITIES ID STATE RESERVE JOINT USE/EXP. LAND ACQUISITION 0. PROJECTS PLANNE	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI ANSION. THE BOARD RECOM REQUIRED DIN NEXT FOUR YEARS	BEEN EXAMI TY BOARD F MENDEND UN	OR POSSI	HE (De BLE CONSTRUCT	CION.
FACILITIES ID STATE RESERVE JOINT USE/EXP LAND ACQUISITION O. PROJECTS PLANNE PROJECT	RCES FACILITIES BOARD RECOMMENDATI ENTIFIED IN ITEM 6 HAVE FORCES COMPONENT FACILI ANSION. THE BOARD RECOM REQUIRED D IN NEXT FOUR YEARS T	BEEN EXAMI TY BOARD F MENDEND UN	OR POSSI	HE (De BLE (De BLE (Number OST (\$000)	CION.

"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED".

ARNG	Y 1994 GUARD AND RE MILITARY CONSTRUC		2 DATE
3. INSTALLATION AND LOCATION		•	
CAMP RIPLEY (LITTLE FAI	LLS), MINNESOTA		
1. PERSONNEL STRENGTH AS OF 3			
	0 521 72		
TOTAL	PERMANENT OFFICER ENLISTED CIMLIAN		RESERVE ICER ENLISTED
AUTHORIZE		N/A	
ACTUAL		<u>N/A</u>	
2 RESERVE UNIT DATA			
		ST	RENGTH
UNIT DESIGNATION		AUTHORIZED	ACTUAL
ARNG/USAR ARMOR, INFANT ENGINEER UNITS FROM MIN SOUTH DAKOTA. IOWA, ILL WISCONSIN	NESOTA, NORTH/	N/A	N/A
MAJOR EQUIPMENT AND AIRCRAFT	<del> </del>	<del></del>	
TYPE			
N/A		AUTHORIZED	ACTUAL
•			
OUTSTANDING POLLUTION AND SAFE	ETY DEFICIENCIES		
		(\$000)	
A. AIR POLLUTION		NONE	
B. WATER POLLUTION		NONE	
C. OCCUPATIONAL SAFET	TY AND HEALTH	NONE	
Form 1390S/2, MAY 78	REPLACES DD FORM 1390S, DEC 76,	WHICH IS OBSOLETE	Page 2 of

1. COMPONENT						2. DATE
ARNG	FY 1994 MILITARY CO	ONSTRUC	TION P	ROJECT	DATA	. }
INSTALLATION AND L	OCATION		4. PROJEC	T TITLE		
	(LITTLE FALLS)				RANGE C	OMPLEX
MINNESOTA	1	Ta		(RETS)		
PROGRAM ELEMENT	6. CATEGORY CODE	7 PROJE	CT NUMBER	1 8.	PROJECT COS	ST (\$000)
0505896A	179	2700	01		3,185	
	9 C	OST ESTIMAT	ES			
	ITEM		U/M	QUANTITY	UNIT COS	COST (\$000)
RIMARY FACILI	тү		7-			2,462
ONE LANE			LS	-	1 -	(1,402
	RMS, TRACK BEDS			-	-	( 960
	R		SF	256	391.00	( 100
	ILITIES					530
	UBBING, GRADING & SE		LS	-	1 -	( 140
	CONCURRENT TRAINING		SF	2816	65.00	( 183
	GE BUILDINGS		SF	800	35.00	( 28
	TENANCE AREA		SF	2075	25.00	( 52
	LOADING DOCK		SF	760	50.00	( 38
	AND PARKING		SY	3000	5.00	( 15
	AG POLE		LS	-	-	(74
						2,992
	SP & OVERHEAD (1.37)				1	150
	VSF & UVERHEAD (1.37)				i	43
	FROM OTHER FED APPR.		.			3.185
401. TROVIDED	THOS OTHER TED ATTR.	AD				1 ( 370)
0. DESCRIPTION OF PRO	DPOSED CONSTRUCTION					J
lew construction	on of a year-round us	se, Mult.	1 Purpo	se Rang	e Comple	x with
emoted Electro	onic Target System (F	RETS).	Support	ing fac	ilities	include a
ess/latrine/co	ncurrent training bu	ilding v	vith as	sociate	d covere	ď
aintenance and	covered ammo issue	point.	This f	acility	is to b	e a
asonry buildin	g with concrete floo	r, trus	s roof,	plywoo	d interi	or walls.
nsulation and	heating, well and se	ptic sy	stem, w	interiz	ed contr	ol tower.
	el surfaced access r	oad and	parkin	g area,	and tar	get
torage shed.						
ir Conditionin	g: 2 tons at contr		·			
1. REQUIREMENT			SUBS	TANDARD	: N/A	
TOJECI: A mul	tipurpose range comp	lex to s	support	curren	t traini	ng
lssions of arm Current Missio	or/infantry vehicles	at crev	, plat	oon and	company	levels.
	his range/training f					
	g the gunnery qualif					s command
alification o	s proposal will prov n the following rang	THE THE	means	LO acco	/2 con1-	a
nk /Bradley Pa	n the following rang nges through Table V	TTT Tof	i Scal	e and 1	Ratele	a,
rial Gunnery	Missile Tracking, w	111 guar	entry	. iatoon	battie (	Curse,
	ll targets are Multi					
	. The range will be				rdarbmeu.	System
TRRENT SITUATE	ON: At present ther	011 3181	S OWNE	inana.		
	<u>on</u> : At present ther amp Ripley Training					
	pons live fire train					
301.700 VOA	Pour IIve IIIe Claim	T. R teda	TICMEN		ic manni	• •

1. COMPONENT			2. DATE
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT D	ATA	F. A. 193 <b>3</b>
3. INSTALLATION AND	LOCATION		
CAMP RIPLEY	(LITTLE FALLS)		
MINNESOTA			
4. PROJECT TITLE		5. PROJE	ECT NUMBER
MULTI PURPO HEAVY (RETS	SE RANGE COMPLEX )	2700	001
11. REQUIREM	ENTS: (Continued)		
IMPACT IF NOT	PROVIDED: Lack of an adequate range within	the :	state to
accommodate g	unnery qualification requirements will creat ciency for the affected MNARNG units. These	.e a s	erious
training defi	ciency for the affected MNAKNG units. These eploy biannually to out-of-state locations (	unit	S Will be
	irements. Out-of-state deployment is extrem		
	ly restrict the ability of these units to ac		
	ining requirements.		
			i
			ļ
			1
			1

1 COMPON	JENT.	r				T
ARNG		FY 1994	MILITARY CONST	RUCTION PROJECT D	ATA	2 DATE
MINNE	RIPLEY SOTA	(LITTLE	FALLS)			1
4. PROJECT					5. PROJ	ECT NUMBER
	PURPO: (RETS	SE RANGE (	COMPLEX		2700	001
12. SU	PPLEME	NTAL DATA				
а.	ESTI	MATED DES	GN DATA:			
	(1)	(b) Pero (c) Date	ent complete as Design Expected	of 1 January 1993 to be 35% Comple		<u>75%</u> 3/92
	(2)	BASIS: (a) Star (b) Wher	dard of definiti e was Design Pre	ve Design - Yes viously Used? <u>HN</u> I	K No DM 1110	
	(3)	(a) Prod (b) All (c) Tota (d) Cont	other design cos l ract	(b) and (d)+(e) and Specifications ts	3( (	) 132) 132)
	(4)	CONSTRUCT	ION START	•••••		4/94
b. from oth	Equip er app	ment asso ropriatio	ciated with this	project which wil	l be p	rovided
				P. 1		
		ment clature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cos (\$00	
		ed Target m (RETS)	OPA	9 4	97	0

ARNG	FY 1994 GUAR	D AND RESE		2. DATE
3. INSTALLATION AND LOCAT				4. AREA CONSTR COST INDEX
CAMP RIPLEY (LITT		)TA		94.2
5. FREQUENCY AND TYPE UTIL	IZATION			
NORMAL ADMINISTRA ASSEMBLY PER MONT		S A WEEK WIT	H ONE (1) V	VEEKEND TRAINING
6. OTHER ACTIVE/GUARD/RES				
ARNG: BRAINERD		RMORY	37,211 SF	1988
LONG PRAIRI		RMORY RMORY	15,790 SF 26,447 SF	1920 1960
57. 02005	(3) 111113/ 7	IMION I	20,447 51	1700
7. PROJECTS REQUESTED IN	Tule BROCRAM		<u> </u>	<del></del>
CATEGORY	THIS PROGRAM		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START COMPLETE
214	ORGANIZATIONAL MAINTENANCE SHOPS	29,772 SF	2,625	01/90 04/92
A STATE RESERVE FORCES FOR STATE RESERVE FORCES	FIED IN ITEM 6 HAS SES FACILITIES BOA	BEEN EXAMIN	BLE JOINT	3 FEB 93
FACILITIES IDENTIF STATE RESERVE FORCUSE/EXPANSION. TH	FIED IN ITEM 6 HAS CES FACILITIES BOA HE BOARD RECOMMEND	BEEN EXAMIN	BLE JOINT	(Date)
FACILITIES IDENTIF STATE RESERVE FORCUSE/EXPANSION. TH	FIED IN ITEM 6 HAS CES FACILITIES BOA HE BOARD RECOMMEND	BEEN EXAMIN	BLE JOINT	(Date) CONSTRUCTION.
FACILITIES IDENTIF STATE RESERVE FOR USE /EXPANSION. TH LAND ACQUISITION REQUIR NONE	FIED IN ITEM 6 HAS SES FACILITIES BOA HE BOARD RECOMMEND ED	BEEN EXAMIN	BLE JOINT	(Date) CONSTRUCTION.
FACILITIES IDENTIFES STATE RESERVE FOR USE /EXPANSION. THE LAND ACQUISITION REQUIRED TO THE PROJECTS PLANNED IN NE	FIED IN ITEM 6 HAS SES FACILITIES BOA HE BOARD RECOMMEND ED	BEEN EXAMIN	IBLE JOINT INILATERAL	(Date) CONSTRUCTION.
FACILITIES IDENTIF STATE RESERVE FOR USE /EXPANSION. TE LAND ACQUISITION REQUIR NOME 10. PROJECTS PLANNED IN NE PROJECT	FIED IN ITEM 6 HAS JES FACILITIES BOA HE BOARD RECOMMEND ED XT FOUR YEARS	BEEN EXAMIN RD FOR POSSI ATIONS ARE U	IBLE JOINT INILATERAL COST	(Date)  CONSTRUCTION.  O (Number of Acres)
FACILITIES IDENTIS STATE RESERVE FOR USE /EXPANSION. TS B. LAND ACQUISITION REQUIRE	FIED IN ITEM 6 HAS JES FACILITIES BOA HE BOARD RECOMMEND ED XT FOUR YEARS	BEEN EXAMIN RD FOR POSSI ATIONS ARE U	IBLE JOINT INILATERAL COST	(Date)  CONSTRUCTION.  O (Number of Acres)
FACILITIES IDENTIFE STATE RESERVE FOR USE/EXPANSION. TI B. LAND ACQUISITION REQUIRE NONE 10. PROJECTS PLANNED IN NE PROJECT TRAINING SITE FACI	FIED IN ITEM 6 HAS LES FACILITIES BOA IE BOARD RECOMMEND ED  XT FOUR YEARS (LITTIES, PHASE I,	BEEN EXAMIN RD FOR POSSI ATIONS ARE L FY TROOP AREA 7	COST	(Date)  CONSTRUCTION.  O (Number of Acres)
FACILITIES IDENTIFIED STATE RESERVE FOR USE / EXPANSION. TIES LAND ACQUISITION REQUIRE NONE 10. PROJECTS PLANNED IN NE PROJECT TRAINING SITE FACILITY CAMP RIPLEY	FIED IN ITEM 6 HAS TES FACILITIES BOA HE BOARD RECOMMEND ED  XT FOUR YEARS  (LITIES, PHASE I, FACILITY, CAMP RI	BEEN EXAMIN RD FOR POSSI ATIONS ARE L FY TROOP AREA 7	COST	(Date) CONSTRUCTION.  0 (Number of Acres) (\$000)
FACILITIES IDENTIF STATE RESERVE FOR USE/EXPANSION. TI B. LAND ACQUISITION REQUIR NONE 10. PROJECTS PLANNED IN NE PROJECT TRAINING SITE FACI CAMP RIPLEY	FIED IN ITEM 6 HAS TES FACILITIES BOA HE BOARD RECOMMEND ED  XT FOUR YEARS  (LITIES, PHASE I, FACILITY, CAMP RI	BEEN EXAMING FOR POSSIATIONS ARE I	COST	(Date) CONSTRUCTION.  0 (Number of Acres)  (\$000)

	F	Y 1994	<b>GUARD</b>	AND RE	SERVE		2. DATE
ARNG		MILITA	ARY CON	ISTRUC	rion		5.4
3. INSTALLATION AND	LOCATION						
CAMP RIPLEY	(LITTLE PAL	LS), M	INNESOTA				
11. PERSONNEL STRE	NGTH AS OF 3	SEP 9	2				
		PERI	AANENT			GUARD/RES	FOVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN		OFFICER	
AUTHORIZE	28_	<u>2</u>	26		1692	161	1531
ACTUAL	17		15		1641	150	1491
12. RESERVE UNIT DA	TA						
tare acord						STRENG	
UNIT DESIGN OMS 11	MATION				AUTHORIZED		ACTUAL
HEADQUARTERS / 747TH MAINTEN UIC: VPU8AA TPSN: 28143			COMPANY		205		168
COMPANY D, 74 UIC: WPU8DO TPSN: 0304737		ANCE B	ATTALION		129		121
COMPANY F, 74 UIC: WPU8FO TPSN: 0304737		IANCE B	ATTALION		237		210
		CONT	INUED ON	PAGE 3			
3. MAJOR EQUIPMENT	T AND AIRCRAFT						
TYPE					AUTHORIZED		ACTUAL
TYPE WHEELED VEHICE	LES				307		274
TYPE	LES LES	D AT M	ATES				
TYPE VHEELED VEHICI TRACKED VEHICI TRAILERS	LES LES ICLES STORE			(\$6	307 2		274 2
TYPE WHEELED VEHICE TRACKED VEHICE TRAILERS *INCLUDES VEHI	LES LES ICLES STORE				307 2 159		274 2
TYPE WHEELED VEHICI RACKED VEHICI RAILERS 'INCLUDES VEHI	LES LES ICLES STORE LUTION AND SAFE			NO	307 2 159		274 2

1. COMPONENT ARNG	FY 1994 MILITARY CONSTRUCTION	PROJECT DA	ATA	2. DATE
3. INSTALLATION AND	LOCATION			
	(LITTLE FALLS).			
MINNESOTA  4. PROJECT TITLE			5. PROJE	CT NUMBER
ORGANIZATIO	NAL MAINTENANCE SHOPS		2700	88
	UNIT DATA (CONTINUED)			
UNIT DE	SIGNATION	AUTHORIZE	NGHT	TILAL
		AV MONALE	<u> </u>	21000
OMS 11 COMPANY G (-) 747TH MAINTEN UIC: WPU8GO TSPN: 030473	ANCE BATTALION	74		82
747TH MAINTEN	COMPANY, DETACHMENT 1 ANCE BATTALION			
UIC: WVHGAA TPSN: 34024		2		2
	HEADQUARTERS DETACHMENT ND TRANSPORTATION BATTALION			
TPSN: 0304736		44		54
COMPANY A, DE 47TH SUPPLY A UIC: WPUMAO	TACHMENT 1 ND TRANSPORTATION BATTALION			
TPSN: 0304736		132		103
		823		740
QMS 12 HEADQUARTERS, UIC: WPU4AA TPSN: 0304707	1ST SQUADRON, 194TH CAVALRY	15		15
	HEADQUARTERS TROOP (-) 194TH CAVALRY			
TPSN: 0304797		103		104
	HEADQUARTERS TROOP, DETACHMENT 1 195TH CAVALRY		••	
TPSN: 0304707		39		35
A TROOP 1ST S 194TH CAVALRY UIC: WPU4A1	QUADRON,			
TPSN: 0304707		138		149
COMPANY C, 14 UIC: WA44CO TPSN: 21364	2ND ENGINEER BATTALION, HEAVY	161		167
1134: 21304		456		470

DD, FORM 1391c

PAGE NO i

1. COMPONENT ARNG	FY 1994 MILITARY CONSTRUC	TION PROJECT D	ATA 2. DATE
	CATION LITTLE FALLS),		
MINNESOTA  4 PROJECT TITLE  ORGANIZATIONA	L MAINTENANCE SHOPS		5. PROJECT NUMBER 270088
12. RESERVE UNI	T DATA (CONTINUED)	STR	ENGTH
UNIT DESIGN		AUTHORIZED	
OMS 19 INSTALLATION SU UIC: W7Q5AA TPSN: 46755	PPORT UNIT	205	211
813TH MEDICAL D UIC: TWXSAA TPSN: 32744	ETACHMENT, 47TH AVIATION BR	IGADE 53	60
256TH MEDICAL D UIC: WVGNAA TPSN: 32858		10	13
UIC: TWJT9D TPSN: 46751	RVICES LIAISON DETACHMENT	15	15
UIC: W8AEA2 TPSN: 46751	AND, DETACHMENT 1	45	44
STATE AREA COMM. UIC: W8AEA2 TPSN: 46751	AND, DETACHMENT 2	72	75
REGIONAL TRAINI UIC: W7XHAA TPSN: 46751	NG SITE-MAINTENANCE	13 413	- <u>13</u> 431
D FORM 1301c			

1. COMPONENT ARNG	FY 1994 MILITARY	Y CONSTRUC	TION PI	ROJECT		NE BYS
3. INSTALLATION AND	LOCATION		4. PROJEC	T TITLE		
-	(LITTLE FALLS),		ORGAN	IZATIONA	L MAINTEN	ANCE SHOPS
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8.1	PROJECT COST	(\$000)
0505896A	214	2700	88		2,625	
-		9. COST ESTIMA	res			
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
ORGANIZATIO COVERED UNH CONTROLLED FLAMMABLE M ALTERATIONS SUPPORTING FA SITE PREPAR GRADING AND FENCING PAVING (FLE PAVING (FLE PAVING (FLE PAVING TILLITIES: SUBTOTAL CONTINGENCY ( SUPERVISION, TOTAL REQUEST EQUIP PROVIDE	ITY (OMS 11 & 19) NAL MAINTENANCE SEATED STORAGE. AVASTE HANDLING FAC ATERIALS BUILDING. TO EXISTING OMS. CILITIES. ATION AND PLANTING DRAINAGE.  (2) AND LUBE/INSP. WATER, SEVER, GAS. 51) INSP & OVERHEAD (1) D FROM OTHER FED A	RACKS (2)	SP SF SF SF SF SF SF SF LS LS LS LS LS LS LS LS LS LS LS LS LS	22550 3150 600 \$ 597 2875 - 1586 455 8956	70.00 35.00 65.00 65.00 35.00 - 15.00 30.00	( 101) 599 ( 69) ( 70) ( 24) ( 7)
The new OMS 1 maintenance administrative concrete floo facilities in fencing. The modifications Air Condition 11. ReQUINEM PROJECT: A sporganizationa 11 and 19 and provide organ oMS 12. (Cur REQUIREMENT:	clude flexible and existing OMS 11 a and alterations t	een workba ructed of inconsist of consist of irigid pavend 12 facino adequate. DEQUATE: 2 facility in the vehicles an existing ince for versement of 2	ye, thr masonry? mason ing, sel lity wi ly acco 710 SP which as and g OMS b hicles	ee speci vith a ry block curity l ll under mmodate  SUBS to provi equipmen uilding and equi F is nec	al work in built-up. Support ighting a go minor OMS 12.  TANDARD: de require t support in which pment support in which pment support in which passary to	27,062 SF ed by OMS to opported by

units.
<u>CURRENT SITUATION</u>: The two existing OMS shops contain 9.012 SF. OMS 19, constructed in 1931 as a 12.000 SF unheated storage facility, is seriously deteriorated and totally inadequate as an OMS facility. The combined OMS 11 and 12 was constructed in 1979 as a 9012 SF OMS facility. This facility is of inadequate size to accommodate both OMS 11 and OMS 12 but with minor modification/alterations will be of adequate size to support OMS 12. The proposed new facility will house OMS 11 and OMS 19.

IMPACT IF NOT PROVIDE: Unit readiness will be degraded and the quality of work will continue to decrease due to deficient work and storage areas in which to perform required maintenance and administrative duties. units.

in which to perform required maintenance and administrative duties.

DD , FORM 1391

PAGE NO T3

ARNG	ENT	FY 19	94 MILITARY CONST	RUCTION PROJECT	DATA	2. DATE
. INSTALLA	TION AN	D LOCATION				L
CAMP I		(LITTL)	E FALLS).			
. PROJECT	TITLE				5. PROJ	ECT NUMBER
ORGAN	IZATIO	NAL MAI	TENANCE SHOPS		270	088
2. SUI	PLEME	NTAL DAT	îA:			
a.	ESTI	MATED DE	SIGN DATA:			
	(1)	STATUS				
		(b) Pe (c) Da	te Design Started reent complete as te Design Expected te Design Complete	of 1 January 93., i to be 35% Comple	1	00 <b>%</b> /90
	(2)	BASIS: (a) St (b) Wh	andard or Definiti ere was Design Pre	lve Design - Yes _ oviously Used? N	No /A	<u> </u>
	(3)	(a) Pr (b) A1 (c) To (d) Co	OTAL) (c) = (a)+(h oduction of Plans l Other Design Cos tal	and Specification	ns (, (,	0_) 88_) 88_)
	(4)	CONSTRU	CTION START		10	2/93_
b. rom oth	Equi; er ap	pment as propriat	sociated with this ions:	project which wi	11 be p	provided
rom oth Equ	Equi; er ap; ipment enclat	propriat t	ions: Procuring	Fiacal Year Appropriated or Requested	Co	
rom oth Equ <u>Nom</u>	er ap	propriat t ture	ions: Procuring	Fiacal Year Appropriated	Co	sst 900)
equ Nom Of	ipmentenclat	propriat t <u>ture</u> Equip	Procuring Appropriation	Fiacal Year Appropriated or Requested	Cc (\$0	est (000)

1. COMPONENT			CONSTRUCT	ERVE	- 1	₹ 533	
ARNG 3. INSTALLATION A	ID LOCATION	MILITARI	CONSTRUCT	10.11		A AREA CONS	TR
						4. AREA CONS COST INDEX	ć
FORT HARRIS	ON, HELENA,	MONTANA				90.9	
5. FREQUENCY AND	TYPE UTILIZATION						
FORT WILLIAM APPROXIMATE WEEKS OF TH	LY 40-45 WE	EKENDS OUT	YEAR-ROUND T OF THE 52 PE ERSONNEL.	TRAINING TR YEAR A	FACILIT ND IS M	Y, UTILIZ IANNED 52	ED
			HIN 15 MILE RADIUS				
ARNG: FT H	ARRISON SEE	#3	TRAINING		1700 13,000		
	ARRISON ( NA. MT (	.6 MILES) 6.0 MILES)	200 ARMOR 250 ARMOR		30.000		
			AASF & 200		40.000		
	NA, HT (	6.0 MILES)	TRAINING	SITE	15,000	SF 1970	
7. PROJECTS REQU	ESTED IN THIS PR	OGRAM					
CATEGORY CODE		PROJECT TITLE	SCOPE	COST (\$000)	STAI	DESIGN STATUS	
171		ICAL UNIT	4,648 SF	501	. 1	1/89 05	/93
STATE RESER	IDENTIFIED VE FORCES F THE BOARD	IN ITEM 6 I	MENDATION HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI	SIBLE JO	INT	15 MAR 92 (Date)	
FACILITIES : STATE RESER EXPANSION. 9. LAND ACQUISITE	IDENTIFIED VE FORCES F THE BOARD	IN ITEM 6 I	HAS BEEN EXAM BOARD FOR POS	SIBLE JO	INT CONSTRU	(Date) ICTION. O	_
FACILITIES STATE RESER EXPANSION. 9. LAND ACQUISITE NONE	IDENTIFIED VE FORCES F THE BOARD ON REQUIRED	IN ITEM 6 I ACILITIES E RECOMMENDAT	HAS BEEN EXAM BOARD FOR POS	SIBLE JO	INT CONSTRU	(Date) ICTION.	_
FACILITIES : STATE RESER EXPANSION. 9. LAND ACQUISITE	IDENTIFIED VE FORCES F THE BOARD ON REQUIRED	IN ITEM 6 I ACILITIES E RECOMMENDAT	HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI	SIBLE JO LATERAL	INT CONSTRU	(Date) ICTION.  O (Number of Acre	_
FACILITIES STATE RESER EXPANSION.  9. LAND ACQUISITE NONE  10. PROJECTS PLAY	IDENTIFIED VE FORCES F THE BOARD ON REQUIRED ANED IN NEXT FOU	IN ITEM 6 I ACILITIES I RECOMMENDAT	HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI	SIBLE JO	INT CONSTRU	(Date) ICTION .  O (Number of Acre	_
FACILITIES STATE RESER' EXPANSION. 9. LAND ACQUISTIN NONE 10. PROJECTS PLAY PROJECT ARMY AVIATIO	IDENTIFIED WE FORCES F THE BOARD ON REQUIRED ONED IN NEXT FOU ON SUPPORT	IN ITEM 6 I ACILITIES I RECOMMENDAT	HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI	SIBLE JO	INT CONSTRU	(Date) ICTION.  O (Number of Acre	_
FACILITIES STATE RESER EXPANSION. LAND ACQUISTIC NONE TO PROJECT ARMY AVIATIC FT HARRISC DLOG/CLASS	IDENTIFIED VE FORCES F THE BOARD THE BOARD WE REQUIRED  ON SUPPORT ON	IN ITEM 6 1 ACTLITIES I RECOMMENDAT	HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI FY AH-64) 95	SIBLE JO	INT CONSTRU	(Date) ICTION.  O (Number of Acre	_
FACILITIES STATE RESER EXPANSION. 9. LAND ACQUISTION NONE 10. PROJECTS PLAN PROJECT ARMY AVIATION FT HARRISO	IDENTIFIED VE FORCES F THE BOARD THE BOARD IN REQUIRED ON SUPPORT ON  IX  UPPORT COMP	IN ITEM 6 1 ACTLITIES I RECOMMENDAT RYEARS FACILITY (A	HAS BEEN EXAM BOARD FOR POS FIONS ARE UNI FY AH-64) 95	SIBLE JO	THE	(Date) ICTION.  O (Number of Acre	_
FACILITIES STATE RESER EXPANSION LAND ACQUISTIC NONE PROJECT PROJECT ARMY AVIATI FT HARRISI DLOG/CLASS BATTALION SI	IDENTIFIED VE FORCES FITTHE BOARD ON REQUIRED ON SUPPORT ON LY  LY  UPPORT COMP  UCATION CEN	IN ITEM 6 1 ACTLITIES I RECOMMENDAT RYEARS FACILITY (A	HAS BEEN EXAM SOARD FOR POS FIONS ARE UNI FY AH-64) 95 96	SIBLE JO	THE	(Date) ICTION.  O (Number of Acre	_

1. COMPONENT ARNG	FY 1994 GUAR MILITARY CO	D AND RE	SERVE		2. DATE R :333
3. INSTALLATION AND					
	, HELENA, MONTANA				
11. PERSONNEL STREE	NGTH AS OF 30 SEP 92				
AUTHORIZE ACTUAL	PERMANENT TOTAL OFFICER ENLISTED	CIVILIAN	3447		3029
12. RESERVE UNIT DAT	Α			STRENG	TU
UNIT DESIGN	MATION		AUTHORIZED	J., D10	
	RMY NATIONAL GUARD				ACTUAL.
ALL HUNIANA A	MI NATIONAL GUARD		3447		3512
13. MAJOR EQUIPMENT TYPE	AND AIRCRAFT		AUTHORIZED		ACTUAL
N/A					
4. OUTSTANDING POLL	UTION AND SAFETY DEFICIENCIES	( \$0	000)		
A. AIR POLL	UTION	N	ONE		
B. WATER PO	LLUTION	NO	NE		
C. OCCUPATION	ONAL SAFETY AND HEALTH	NC	ONE		
D Form 1390S/2,	MAY 78 REPLACES DO FORM 1	1390S, DEC 76, W	HICH IS OBSOLE	TE	Page 2 of 2

I. COMPONENT					2.	DATE
ARNG	Y 1994 MILITARY COP	NSTRUC'	TION PE	OJECT DA	ΛTA Â	PR 1993
. INSTALLATION AND LOCA	TION	1	4. PROJEC	TITLE		
FORT HARRISON,	HELENA, MONTANA		MEDICA	L UNIT T	RAINING	FACILITY
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC		1 -	OJECT COST	(\$000)
0505896A	171	3000		50	01	
	9. COS	ST ESTIMAT	ES			
	ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
SUPPORTING FACILI SITE PREPARATIO GRADING, SEEDIN PARKING: POV. SIDEWALKS. UTILITIES. SUBTOTAL CONTINGENCY (5%). SUPPERVISION, INSP	AINING FACILITY TIES N. G. 6. OVERHEAD (2.00%	)	LS LS SY SF LS	4648 - - 2778 600 -	84.00 - 14.00 2.00	390 ( 390) 78 ( 17) ( 5) ( 39) ( 1) ( 16) 468 23 10 501 ( 40)
rick and concret tructure will be reas, observatio ir Conditioning: 1. ReQUIREMENT: ROJECT: A new fa leeds of the MT A leeds of the MT A leeds and denta URRENT SITUATION n a 1,300 SF con lite orderly room MPACT IF NOT PRO nactive duty tra verclovded facil	ned facility of peres block units, with a one story build n wards, office and 3.5 tons 4.648 SF ADEQUATE cility to serve the RNG Medical Units. proposed project l training facilit. The medical units rete block buildir	h built ing wit d admin  O SF medic (Curr is nece ies. ts are ng whic ts cond to tr le and	-up room h medicistration of the stration of the strate of	of and co cal and d live area. SUBSTANDA dental u converted converted annual t inadequa	ncrete fental tr  RD: 1,30 nit trai e adequa cting tr from a raining te and	Cloors. aining  O SF Ining  ate aining training

<b>IPONENT</b>	FY 1994 MILITARY CONS	TRUCTION PROJECT		2. DATE
NG		INDUTION PROJECT [	PAIA	:383
RT HARRISO	ON, HELENA, MONTANA			
JECT TITLE		<del></del>	5. PROJEC	T NUMBER
TCAL UNI	T TRAINING FACILITY		3000	5 4
SUPPLEMEN	NTAL DATA:			
a. ESTIM	ATED DESIGN DATA:			
	STATUS: (a) Date Design Started (b) Percent complete as (c) Date Design Expecte (d) Date Design Complete	of 1 January 93  of to be 35% Comple	10	95% /90
,	BASIS: (a) Standard or Definit (b) Where was Design Pr	ive Design - Yes _ evioualy Used? N/	No _	<u>x</u> _
	COST (TOTAL) (c) = (a)+( (a) Production of Plans (b) All Other Design Co (c) Total	and Specifications	s ( (_2 (_2	0 ) 4 ) 4 )
(4)	CONSTRUCTION START	• • • • • • • • • • • • • • • • • • • •	3 /9	4_
. Equips	ment associated with this ropriations:	e project which wil	ll be pr	beblyo
		Piscal Year		
quipment Somenclatu		Appropriated or Requested	Cost (\$000	
			40	
iomenclat:	are Appropriation	or Requested		)

1. COMPONENT		FY 1994 GUARI			2. 0.	ATE
3. INSTALLATION A	ID I OCATION	militan CC	A STRUCTIO	· · · · · · · · · · · · · · · · · · ·		
					1 6	REA CONSTR OST INDEX
PAYETTEVILL					7	9.2
5. FREQUENCY AND	TYPE UTILIZATI	ON				
ASSEMBLY PE	R MONTH.	N FIVE (5) DAYS		THATWO (	2) DAY	TRAINING
		INSTALLATIONS WITHIN		46.00		4005
ARNG: PARK	TUN PAULS	(17 MILES) (17 MILES)	ARMORY		O SF	1985 1958
JAIN.	INOLS	(I' HILLS)	AMONI	13,40	) I 3F	1930
ACTIVE: FOR	BRAGG	(8.0 MILES)	18TH CORPS	& AIRBORNE	DIVIS	ION
7. PROJECTS REQU	STED IN THIS I	PROGRAM				
CATEGORY				COST	DESIG	N STATUS
CODE		PROJECT TITLE	SCOPE		START	COMPLETE
214		RGANIZATIONAL	6,055 SF	473	90/90	09/92
FACILITIES 1 STATE RESERVEXPANSION. 9. LAND ACQUISITION	DENTIPIES THE BOARS	TIES BOARD RECOMMEND IN ITEM 6 BAS FACILITIES BOA RECOMMENDATIO	BEEN EXAMIN RD FOR POSSI	BLE JOINT	RUCTIO	0
NONE  10. PROJECTS PLAN					(Numbe	er of Acres)
NONE	IN NEAT M	on TEMP				
		EN COMPLETED AI ROPOSED PROJEC				ATED*

120/215

DD Form 1390S/1, MAY 78

1. COMPONENT	FY 1994 GUARD	AND RESERVE	2 DATE
ARNG	MILITARY CO		₹93
. INSTALLATION AND	LOCATION		
	NORTH CAROLINA		
11. PERSONNEL STREE	NGTH AS OF 30 SEP 92		
	PERMANENT	GUARDA	RESERVE
	TOTAL OFFICER ENLISTED		
AUTHORIZE	9 9		648
ACTUAL			687
12. RESERVE UNIT DAT	ra .	<del></del>	
			ENGTH
UNIT DESIGN 1ST BATTALION		AUTHORIZED 5 4 4	ACTUAL
UIC VPJAA TSPN 14030	, EJES AMON	244	592
TROOP E, 196T UIC WVGAA TSPN 14030	H CALVARY	152	139
	TOTAL	696	731
13. MAJOR EQUIPMENT		696	731
TYPE	AND AIRCRAFT	AJTHORIZED	ACTUAL
TYPE WHEELED VE	AND AIRCRAFT HICLES	AJTHORIZED 101	ACTUAL 94
TYPE WHEELED VEI TRACKED VEI	AND AIRCRAFT HICLES	AJTHORIZED	ACTUAL
WHEELED VE	AND AIRCRAFT HICLES	AJTHORIZED 101	ACTUAL 94
TYPE WHEELED VEI TRACKED VEI	AND AIRCRAFT HICLES	AJTHORIZED 101 152	ACTUAL 94 139
TYPE WHEELED VEI TRACKED VEI TRAILERS	AND AIRCRAFT HICLES	AJTHORIZED 101 152 37	ACTUAL 94 139 33
TYPE WHEELED VEI TRACKED VEI TRAILERS	AND AIRCRAFT HICLES HICLES LUTION AND SAFETY DERCIENCIES	AJTHORIZED 101 152 37 290	ACTUAL 94 139 33
TYPE WHEELED VEI TRACKED VEI TRAILERS	AND AIRCRAFT HICLES HICLES LUTION AND SAFETY DEFICIENCIES	AJTHORIZED 101 152 37 290	ACTUAL 94 139 33

1. COMPONENT								72	DATE
ARNG	FY 1	994 MILITARY CO	NSTRUC	CIT	N PF	OJEC	T DA	ATA	rda3
-									
3. INSTALLATION AND						T TITLE			
FAYETTEVILLE	E. NORT	'H CAROLINA							ANCE SHOP
5. PROGRAM ELEMENT		CATEGORY CODE	7. PROJE		JMBER	1		OJECT COST	(\$000)
0505896A		214	3700				41	73	
		9. CX	OST ESTIMA	TES	•				
		ITEM		- 1	U/M	QUANT	TTY	UNIT COST	COST (\$000)
PRIMARY FACTI	TTY								268
ORGANIZATIO	NAL MAI	NTENANCE SHOP.		:: 1	SF	4.895	5	50.00	
		STORAGE BUILD			SF	110		20.00	( 2)
		UILDING			SF	750		20.00	( 15)
		ANDLING FACILI			SP	300	)	20.00	
		S				1			176
		GRADING & DRAI			LS	-		-	( 50)
		PENSING SYSTEM			LS	- 1		-	( 25)
					LP	475	5	13.00	( 6)
				•••	SY	2.900		12.00	( 36)
					SY	300		28.00	( 9)
					LS			"-"	1 15
		RACK			LS	_ ا		-	( 15)
		EWER/GAS/TELEC			LS	_		i -	()
						i		l	444
								l	22
		OVERHEAD (1.60						1	1 7
				:: I		l		ł	473
		OTHER APPR		DD				}	( 2)
10. DESCRIPTION OF F	PROPOSED	CONSTRUCTION						•	
Consists of a	mainte	nance facility	with 3	VOI	k b	ays, p	lus	an	
administrative	e/work	area construct	ed of m	ason	ry v	valls,	. a	built-up	or
		roof, and conc							
		materials store							
system, wash p	platfor	m, lube & inspe	ection :	rack	:. (	Contro	110	d Vaste	Handling
facility and a	an unhe	ated storage b	uilding						
Air Condition:	ing: 1								
<ol> <li>REQUIREMENT</li> </ol>	NT: 6.	055 SF ADEQ	UATE:	0 S	P	SUBS	TAN	DARD: 2	2,490 SF
PROJECT: A ne	ev maio	tenance shop to	provi	de o	rgai	nizati	ona	l mainte	nance
or the vehic	les and	equipment sup	ported	by t	his	maint	ena	nce shop	
Current Miss:									
		lity requiremen							
		izational lave	l to be	per	for	med on	ve	hicles a	nd
		ported units.							
		he existing she							
		This facility							
		room, locker							
		t system to con							
		es. The inspec							
		nd ventilation							
		facilities will				of in	acc	ordance	with
		new shop has be							
		ED: The quality							
		torage areas to							intenance
luties.		-							

СОМРО	NENT	· · · · ·				2. DATE
ARNG		FY 1	994 MILITARY CONS	TRUCTION PROJECT D	ATA	:393
		LOCATION				
FAYE	rtevill	E, NORT	H CAROLINA			
PROJEC					5. PROJ	ECT NUMBER
ORGA	NIZATIO	NAL MAI	NTENANCE SHOP		370	030
2. SI	UPPLEME	NTAL DA	TA:			
a.	. ESTI	MATED D	ESIGN DATA:			
	(1)	STATUS				
		(a) D (b) P	ate Design Starte	d s of 1 January 93	···· -	<u>4 /90</u> 100₹
				ed to be 35% Comple		
				ted		
	(2)	BASIS				
	(-,	(a) S	tandard or Defini	tive Design - Yes _		<u>X</u>
		(b) ¥	here was Design P	reviously Used? NA	Ά	
	(3)		TOTAL) (c) = (a)+			\$000)
		(a) P	roduction of Plan	s and Specification	s (	<u> </u>
				osts		
		(e) I	n-House		(	)
	(4)	CONSTR	UCTION START		10	/93
		pment a propria		is project which wi	11 be	provided
				Fiscal Year		
	uipmen		Procuring	Appropriated	Cos	
	Nomencl	ature	Appropriation	or Requested	(\$00	<u>V1</u>
	Felepho Equipme		AMSCO 529895.	10 94	1	
1	furnitu	re	AMSCO 519891.	30 94	1	

ARNG		ARD AND RESEI CONSTRUCTIO		2. DATE
. INSTALLATION A	ND LOCATION			4. AREA CONSTR
BISMARCK, N	ORTH DAKOTA			COST INDEX
FREQUENCY AND	TYPE UTILIZATION			
	NISTRATION AND OPERATINING ASSEMBLY PER MC		AYS PER WEER	K AND A TWO
	SUARD/RESERVE INSTALLATIONS W			
ARNG: BISM	,	800 ARMORY	141,364 15,600	
BISM. BISM.		OMS AASF & ARMORY	37.988	
USAR: BISM		ARMORY	37,700	51 1770
BISM		AMSA		
	ESTED IN THIS PROGRAM			
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000) ST	DESIGN STATUS
211	AVIATION C-12	19,794 SF	1297 08	/90 03/9:
FACILITIES	forces facilities board recor Didentified in Item 6 VE forces facilities	HAS BEEN EXAMIN		08 SEP 92 (Date)
FACILITIES STATE RESER EXPANSION.	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA	HAS BEEN EXAMINE BOARD FOR POSSI	BLE JOINT	(Date)
FACILITIES STATE RESER EXPANSION. 9. LAND ACQUISITE NONE	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA ON REQUIRED	HAS BEEN EXAMINE BOARD FOR POSSI	BLE JOINT	(Date)
FACILITIES STATE RESER EXPANSION. LAND ACQUISITION NONE  10. PROJECTS PLAN	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA	HAS BEEN EXAMIN BOARD FOR POSSI TIONS ARE UNILA	BLE JOINT TERAL CONSTE	(Date) RUCTION.  O (Number of Acres)
FACILITIES STATE RESER EXPANSION. LAND ACQUISITION NONE D. PROJECTS PLAN PROJECT	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA ON REQUIRED	HAS BEEN EXAMIN BOARD FOR POSSI TIONS ARE UNILA	BLE JOINT TERAL CONSTI	(Date) RUCTION.  O (Number of Acres)
FACILITIES STATE RESER EXPANSION.  LAND ACQUISITION NONE  10. PROJECTS PLAY PROJECT ARMORY	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA ON REQUIRED  WHED IN NEXT FOUR YEARS	HAS BEEN EXAMIN BOARD FOR POSSI TIONS ARE UNILA FY 96	BLE JOINT TERAL CONSTI	(Date) RUCTION.  O (Number of Acres)  ( \$000)
FACILITIES STATE RESER EXPANSION.  LAND ACQUISITION NONE  10. PROJECTS PLAY PROJECT ARMORY	IDENTIFIED IN ITEM 6 VE FORCES FACILITIES THE BOARD RECOMMENDA ON REQUIRED  WHED IN NEXT FOUR YEARS  ON SUPPORT FACILITY	HAS BEEN EXAMIN BOARD FOR POSSI TIONS ARE UNILA	BLE JOINT TERAL CONSTI	(Date) RUCTION.  O (Number of Acres)

1. COMPONENT	FY 1994 GUAF MILITARY C	D AND RESERVE ONSTRUCTION		2. DATE
3. INSTALLATION AND	LOCATION			1
BISMARCK, NO	RTH DAKOTA			
11. PERSONNEL STRE	NGTH AS OF 30 SEP 92			
AUTHORIZE ACTUAL	PERMANENT TOTAL OFFICER ENLISTER	3910		N/A_
12. RESERVE UNIT DA	TA		STREN	274
UNIT DESIG	NATION			
C-12 AIRCRAF	T SUPPORTS ALL NORTH DA	AKOTA 3916	ED	3994
. 3. MAJOR EQUIPMENT	TAND AIRCRAFT			
3. MAJOR EQUIPMENT TYPE C-12	FAND AIRCRAFT	AJTHORIZE 1		ACTUAL 1
ТУРЕ С-12	I AND AIRCRAFT  LUTION AND SAFETY DEFICIENCIES			
ТУРЕ С-12			D	
TYPE C-12	LUTION AND SAFETY DEFICIENCIES	1	D.	
TYPE C-12 . OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES .UTION	(#000)	D.	

. COMPONENT					2.	DATE
ARNG F	Y 1994 MILITARY CO	ONSTRUCT	ION P	ROJECT D	ATA	₹ 533
I. INSTALLATION AND LOCAT	TON	4	PROJEC	T TITLE		
BISMARCK, NORTH	DAKOTA		AVIAT	ON C-12	HANGAR	
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER	8. P	ROJECT COST	(\$000)
0505896A	211	38006		1	,297	
	9. C	OST ESTIMATE	s			
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
OPERATIONAL STORM SUPPORTING FACILI' SITE PREPARATION PLANTING FENCING ACCESS APRONS FLEXIBLE PAVINGS SIDEVALKS	RAGE. TIES. N/FINE GRADE/SEED  N/SINE GRADE/SEED  N/SINE GRADE/SEED  N/SEVER/GAS/ELEC.	ING.	LS LS LF SY SY LS	8,686 11,108 - - 300 2,489 1,720 1,000	47.00 37.50 - 10.00 36.00 20.00 3.00	825 ( 408) ( 417) 393 ( 177) ( 35) ( 35) ( 35) ( 50) 1.218 61 1.297 ( 13)
O. DESCRIPTION OF PROPOSITION STATE A SPECTION OF PROPOSITION OF P	cially designed a brick and concr. Ingle membrane ro necessary mecha: a cilities. 2 tons 2 tons 2.898 SF ADEQ construction converty for a regirude administrati (New Mission) cility requirement aircraft parts to for the assignent of aircraft parts to for the assignent of aircraft parts to for the assignent of aircraft parts to for the assignent of aircraft parts to for the assignent of the assig	unter block of and confical and confical and condition of the condition of the confication of the confication of the confication of the confication construction construction construction of and construction construction of the confication construction	104 Si an air ort C.s., rej and on Sujance of to hot to hot that ted in	rior valis of floors. Trical ed F SUBST/craft hill and rice pair and SF is new vell as an all toport Facologies Beech re is new this core 1976, imaintenar	NDARD: Congar to caft. The parts ro cassary t provide cather all the parts ro cather all the parts ro cather all the parts ro cather all the parts ro cather all the parts ro cather all the parts roughly because a cather all the parts roughly because a cather all the parts roughly because a cather all the parts roughly because a cather	oste bloc story and story and story and story st

ARNG	FY 19	94 MILITARY CONST	RUCTION PROJEC	T DATA	2. DATE
INSTALLATION A			<del></del>		l
BISMARCK,	NORTH DAR	ATO			
PROJECT TITLE				5. PRO.	JECT NUMBER
AVIATION (	C-12 HANGA	R		380	064
2. SUPPLEM	ENTAL DAT	<b>A</b> .			
		SIGN DATA:			
-		SIGN DATA!			
(1)		te Design Started.			0 /00
	(b) Pe	rcent complete as	of 1 January 93		654
	(c) Da	te Design Expected	to be 35% Comp	lete	6 /9 1
	(u) Da	te Design Complete			3/93
(2)	BASIS:				
	(a) St.	andard or Definiti	ve Design - Yes	No	<u>X</u>
	(b) Vh	ere was Design Pre	viously Used?	N/A	
(3)	COST (TO	OTAL) (c) = (a)+(b	·\ a= (d\.(a).		<b>\$</b> 000)
(-,	(a) Pro	duction of Plans	and Specification	nns	0 1
	(b) A11	Other Design Cos	ts	· · · · · <u> </u>	
	(d) Cor	itract		(	48 )
	(e) In-	-House	• • • • • • • • • • • • • • • • • • • •	(.	0 )
(4)	CONSTRUC	TION START			
(4)	CONSTRUC	TION START	**************	· · · · · · <u>- • ·</u>	794_
b. Equ	ipment ass	ociated with this	project which	111 be p	rovided
om other a	ppropriati	ons:			
Equipmen	nt	Procuring	Fiscal Year Appropriated		
Nomenc			or Requested	1600 000\$)	
Telepho	ne Equip	AMSCO 529895.10	94	3	
Furnito	re	AMSCO 519891.30	94	10	
FORM 4004					

EXTION EVILS LAKE), NORTH JTHIZATION TY (20) WEEKENDS A UARD CONDUCTING IN FOR UNITS CONDUCTI RESERVE INSTALLATIONS WITH (35 MILES) (57 MILES)	INNUALLY BY UN IACTIVE DUTY T ING ANNUAL TRA ON 15 MILE PADIUS 60 PERSON ARM 60 PERSON ARM 60 PERSON ARM SCOPE 16 LANES	ITS OF TI RAINING A INING.	15204 18793 13634	SF 19 SF 19 SF 19 DESIGN STATUS
EVILS LAKE), NORTH  JTHIZATION  TY (20) WEEKENDS A  UARD CONDUCTING IN  FOR UNITS CONDUCTI  (35 MILES) (57 MILES) N (57 MILES)  IN THIS PROGRAM  PROJECT TITLE  MODIFIED  RECORD FIRE	INNUALLY BY UN IACTIVE DUTY T ING ANNUAL TRA ON 15 MILE PADIUS 60 PERSON ARM 60 PERSON ARM 60 PERSON ARM SCOPE 16 LANES	RAINING INING.  ORY ORY ORY COST (\$5000)	15204 18793 13634	TH DAKOTA GHT (8)  SF 19 SF 19 SF 19 SF 19 COMPLET
TY (20) WEEKENDS A UARD CONDUCTING IN FOR UNITS CONDUCTI RESERVE INSTALLATIONS WITH (35 MILES) (57 MILES) N (57 MILES) IN THIS PROGRAM  PROJECT TITLE MODIFIED RECORD FIRE	INNUALLY BY UN IACTIVE DUTY T ING ANNUAL TRA ON 15 MILE PADIUS 60 PERSON ARM 60 PERSON ARM 60 PERSON ARM SCOPE 16 LANES	RAINING INING.  ORY ORY ORY COST (\$5000)	15204 18793 13634	TH DAKOTA GHT (8)  SF 19 SF 19 SF 19 SF 19  DESIGN STATUS T COMPLET
TY (20) WEEKENDS A UARD CONDUCTING IN FOR UNITS CONDUCTI RESERVE INSTALLATIONS WITH (35 MILES) (57 MILES) N (57 MILES) IN THIS PROGRAM  PROJECT TITLE MODIFIED RECORD FIRE	ACTIVE DUTY T NG ANNUAL TRA HIN 15 MILE FADIUS 60 PERSON ARM 60 PERSON ARM 60 PERSON ARM  SCOPE 16 LANES	RAINING INING.  ORY ORY ORY COST (\$5000)	15204 18793 13634	SF 19 SF 19 SF 19 DESIGN STATUS
(35 MILES) (57 MILES) N (57 MILES)  IN THIS PROGRAM  PROJECT TITLE MODIFIED RECORD FIRE	60 PERSON ARM 60 PERSON ARM 60 PERSON ARM  SCOPE 16 LANES	ORY ORY COST (\$000)	18793 13634 STAF	SF 19 SF 19 DESIGN STATUS
(57 MILES) N (57 MILES) IN THIS PROGRAM  PROJECT TITLE  MODIFIED  RECORD FIRE	60 PERSON ARM 60 PERSON ARM  SCOPE 16 LANES	ORY ORY COST (\$000)	18793 13634 STAF	SF 19 SF 19 DESIGN STATUS
N (57 MILES)  IN THIS PROGRAM  PROJECT TITLE  MODIFIED  RECORD FIRE	60 PERSON ARM  SCOPE 16 LANES	COST (\$000)	13634 STAF	DESIGN STATUS
IN THIS PROGRAM  PROJECT TITLE  MODIFIED  RECORD FIRE	SCOPE 16 LANES	COST (\$000)	STAF	DESIGN STATUS
PROJECT TITLE MODIFIED RECORD FIRE	16 LANES	(\$000)	STAF	RT COMPLE
MODIFIED RECORD FIRE	16 LANES	(\$000)	STAF	RT COMPLE
MODIFIED RECORD FIRE	16 LANES			
RECORD FIRE		1,036	017	92 017
S FACILITIES BOARD RECOMM		INED BY	THE -	8 SEP 92
ORCES COMPONENT FA SION. THE BOARD R				(Date) TRUCTION.
DUIRED			7	0 Number of Acres
NEXT FOUR YEARS				
	FY	(	COST (	<b>\$</b> 000)
	94		1,82	6
RANGE	96		48	2
	96		1,80	0
	NUMBED NEXT FOUR YEARS	NEXT FOUR YEARS  FY  94  RANGE 96	NURED  I NEXT FOUR YEARS  FY  94  RANGE  96	FY COST ( 94 1,82  RANGE 96 48

"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED".

1. COMPONENT ARNG	FY 1994 GUARD MILITARY CO				2. DATE
3. INSTALLATION AND	LOCATION				
	(DEVILS LAKE), NORTH DAK	ATO			
11. PERSONNEL STRE	NGTH AS OF 30 SEP 92				
AUTHORIZE ACTUAL	PERMANENT TOTAL OFFICER ENLISTED	CIVILIAN	3916 3994	OFFICER 416 433	3500
12. RESERVE UNIT DA	TA			STRENG	Tu
				317670	
UNIT DESIG	MATION  SOTA ARMY NATIONAL GUARD		3,916		3,994
ALL NORTH DAI	TOTA ALMIT MATTORAL GUARD		3,310		3,994
13. MAJOR EQUIPMEN					
TYPE N/A			AUTHORIZED		ACTUAL
	LLUTION AND SAFETY DEFICIENCIES		(\$000)		
A. AIR POL	LUTION		NONE		
B. WATER P	OLLUTION		NONE		
C. OCCUPAT	IONAL SAFETY AND HEALTH		NONE		
D Form 1390S/2	2, MAY 78 REPLACES DO FORM 1	390S, DEC 76,	WHICH IS OBSOL	ETE	Page 2 of 2

1. COMPONENT									2. [	DATÉ
ARNG		1994 MILITARY CON	NSTRUC				T D	ATA		. : 43
3. INSTALLATION AND				1		T TITLE				
NORTH DAKOTA		EVILS LAKE).		(F	ETS)			D FIRE		
5. PROGRAM ELEMENT	- 1	6. CATEGORY CODE	7. PROJE	ECT N	UMBER	١ .	8. PF	OUECT C	OST	(\$000)
0505896A		179	3800				1	,038		
		9. COS	T ESTIMA	TES						
		ITEM			U/M	QUANT	TITY	UNIT CO	ST	COST (\$000)
16 LANE RANG CONTROL TOVE DATACABLE / VI) EARTHWORK SUPPORTING FAC SITE PREPARA TARGET STORA MESS/LATRINE BREAK/CONCUP PARKING/ACCE UTILITIES SUBTOTAL CONTINGENCY (5 SUPERVISION, I TOTAL REQUEST.	EE CRING LLIT TION GE/A RENT SS R	HARNESS.  IES. /CLEARING, GRUBBII MMO BUILDING. TRAINING BLEACHEI OAD.  6 OVERHEAD (1.45%)	NG.		LS LS LS SF SF SF SY LS	1000 1000 576 2050	5	42.00 39.00 40.00 7.10		638 ( 164) ( 36) ( 408) ( 30) 336 ( 150) ( 42) ( 39) ( 23) ( 15) ( <u>67</u> ) ( <u>67</u> ) 974 49 15 1,038 ( 341)
enemy soldiers fully control! The following repair buildin shelter, break Air Condition! 11. REQUIREMEN PROJECT: A 16 and practice e (Current Missi REQUIREMENT: Army National qualification training time CURRENT SITUAT Individual rif ranges. These meet combat tr. type is Camp GNDARNG troops. IMPACT 1F NOT	fied as support of the support of th	D CONSTRUCTION Record Fire Range ght vehicles and it and scored by a con- porting facilities munition breakdow urrent training a 1 ton for control ADEQUATE: N ment of targets i range is required it to accomplish ne ig inactive duty t collective trainin There is no Modi allification is be ess do not provide g objectives. Th ng, MI which is n  DED: If not prov s. The combat we ing or combat we ing over all read in	punkers are re n buil rea.  A Fire R n a si for a cessar rainin g and fied R ing do the r ot pra	angui din din din din din din din din din di	rom inted red: SUBS se fed unita oerio euverd F con 2 ism fac cal ts w	50 me in t targ male/f TANDA r riff comb s of t weads, t rre. R 5 met in tr ility to us ill c	RD: le de sat de	N/A qualifenviro  North s trai savin e in t casic fthe or tra	l tarin icae ninme Danin g a he zerui pro in to	eter, ower. ower. tion nt. kota g and nnual state. o red to posed ng
be met, inds do	=gr#c	ing overall read!	ness.							

1. COMPONE	ENT	FY 199	4 MILITARY CONSTR	UCTION PROJECT D	ATA	2. DATE
ARNG						1 85/13
. INSTALLA			C I AVE			
NORTH		N, (DEVIL A	S LAKE),			
PROJECT					5. PROJ	ECT NUMBER
(RETS)	)	CORD FIRE			380	059
		NTAL DATA				
a.	ESTI	MATED DES	IGN DATA:			
	(1)	STATUS				
			e Design Started cent complete as			
			e Design Expected			
			e Design Completed			
	(2)	BASIS:				
		(a) Sta	ndard of definitive re was Design Prev	ve Design - Yes	No.	
		(5)	te was besign free	viously osed: mi	20 111	<u>v-1-9</u>
	(3)	COST (TO	TAL) = (c) = (a)+(	(b) and (d)+(e)		(\$000)
		(a) Pro	duction of Plans	and Specifications		
			other design cost			
			al tract			
			House.:			
		• • • • • • • • • • • • • • • • • • • •				
	(4)	CONSTRUC	TION START	• • • • • • • • • • • • • • • • • • • •		4/94
b. rom oth		pment ass propriati	ociated with this	project which wil	l be	provided
				Fiscal Year		
		pment	Procuring	Appropriated	Cos	
	Nome	nclature	Appropriation	or Requested	(\$00	<u>57</u>
	Remot	te Target em (RETS)	OPA	94	341	
	Syste	Pm (NEIS)				
					•	
FORM .	13016					

1 COMPONENT ARNG		ARD AND RES			DATE 3
I INSTALLATION AND LOCA	TION			4.	AREA CONSTR
CAMP GRAFTON (DE	VILS LAKE). NORTI	H DAKOTA			COST INDEX
FREQUENCY AND TYPE UT					
USED SEVEN (7) DA HEATING SEASON (A	AYS PER WEEK FOR APPROXIMATELY TH	NORMAL UTILI (RTY (30) WEE	TY HEATIN	G DURING AR)	THE
6. OTHER ACTIVE/GUARD/RE	SERVE INSTALLATIONS WIT	HIN 15 MILE RADIUS			
ARNG: CANDO	(35 MILES)			,204 SF	1957
RUGBY	(57 MILES) (57 MILES)			,793 SF	
CARRINGTOR	(37 MILES)	1 NOMAN DO	13	,624 SF	1941
7. PROJECTS REQUESTED IN	THIS PROGRAM				
CATEGORY			COST	DES	IGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLETE
171	HEATING PLANT ADDITION	1320 SF	1826	01/91	12/92
STAIT DESCRIPTION					
B. STATE RESERVE FORCES F N /A	FACILITIES BOARD RECOMM	ENDATION			(Date)
N/A  . LAND ACQUISITION REQUIRE		ENDATION			(Date)
N/A  LAND ACQUISITION REQUIFININE	NED .	ENDATION		(Num	
N/A  . LAND ACQUISITION REQUIRE	NED .	ENDATION PY		(Num	() ober of Acres)
N/A  DELAND ACQUISITION REQUIPED NONE  DEPOSITE PLANNED IN METERS	red Ext four years				0 nber of Acres)
N/A LAND ACQUISITION REQUIF NONE D. PROJECTS PLANNED IN NE PROJECT	red Ext four years	PY		COST (\$0	0 nber of Acres)
N/A  DELAND ACQUISITION REQUIPED NONE  DEPOSITE PLANNED IN METERS	RÉD EXT FOUR YEARS	PY		COST (\$0	0 nbor of Acres)
N/A  D. LAND ACQUISITION REQUIFINANCE NONE 0. PROJECTS PLANNED IN NO PROJECT MODIFIED RECORD F RANGE (RETS)	NED EXT FOUR YEARS IRE NGE	FY 94 96		COST (\$0	0 ober of Acres)

ARNG	FY 1994 GUARD A MILITARY CON		333
3. INSTALLATION AND L	OCATION		
CAMP GRAFTON (	DEVILS LAKE), NORTH DAKO	TA	
11. PERSONNEL STRENG	STH AS OF 30 SEP 92		
	PERMANENT	CI II	ARD/RESERVE
	TOTAL OFFICER ENLISTED	CIVILIAN TOTAL C	OFFICER ENLISTED
AUTHORIZE			416 3500
ACTUAL		3994	433 3561
12. RESERVE UNIT DATA	· · · · · · · · · · · · · · · · · · ·		STRENGTH
UNIT DESIGNA	ATION	AUTHORIZED	ACTUAL
	OTA ARMY NATIONAL GUARD	3,916	3,994
•			
13. MAJOR EQUIPMENT	AND AIRCRAFT		
		AUTHORIZED	ACTUAL
TYPE N/A		AU I HUHIZED	AL TUAL
,			
14. OUTSTANDING POLL	LUTION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR POLL	UTION	NONE	
B. WATER PO	DLLUTION	NONE	
C. OCCUPATI	IONAL SAPETY AND HEALTH	NONE	
OD Form 1390S/2	, MAY 78 REPLACES DO FORM 13	1905, DEC 76, WHICH IS OBSOLE	TE Page 2 of

1. COMPONENT							2.	DATE
ARNG	F	Y 1994 MILITARY CON	ISTRUC	TION PI	ROJEC	T DA		383
3. INSTALLATION AND	LOCAT	TION	I	4. PROJEC	TITLE			
CAMP GRAFTON		EVILS LAKE).		HEATI	NG PLA	A TM	DDITION	
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJE	CT NUMBER	1	8. PRO	DECT COST	(\$000)
0505896A		171	3800	65		1,	826	
		9. COS	T ESTIMAT	ES				
		ITEM		U/M	QUANT	ПТҮ	UNIT COST	COST (\$000)
BUILDING ADI EQUIPMENT CO SUPPORTING FAC DISTRIBUTION SITEVORK UTILITIES SIDEVALKS SUBTOTAL CONTINGENCY (SUPERVISION, TOTAL REQUEST.	DITIONVEI CILI N SY:	SN. RSIONS. IIES. STEM. & OVERHEAD (1.42%)		. SP LS . LF . LS . LS . SP	1,32	00	75.00 - 125.00 - 3.00	1,499 ( 99) (1,400) 216 ( 188) ( 5) ( 20) ( 3) 1,715 86 25 1,826 ( 0 )
construction is open web joint floors, and all steam distributions that construction. Air Condition: 11. REQUIREMENT PROJECT: Two area to provic Camp Grafton capability to cive (5) addit (Current Missis REQUIREMENT: Provide the radditional fur that this consaddition to the additional system of the construction of the constru	tion to material to the structure of the	will consist of a atch existing faci- etal deck, insulat- ecessary mechanical a system and utility None	of the state of th	oncret lt-up lectrion  a and ity fo with de the urrent and pr l boil r appr const shed pr le heat betem i sized Origin re off	SUBSTA Support From the cut addit ly ser ogramm ers is ogramm ers is orior to ing ca service to ing the cut for the	ANDAR tting cosed arren tiona vice med f tely on.	RD: 0 SF control of co	valls rete ditional this  l room vaction at on, this ng ities and struction.  to SF of mperative d his ect. ient

1. COMPONENT			4 2.22
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT D	ATA	2. DATE
3. INSTALLATION AND	LOCATION		
	N (DEVILS LAKE),		
NORTH DAKOT	A		
4. PROJECT TITLE		5. PROJE	CT NUMBER
HEATING PLAN	NT ADDITION	3800	165
11. REQUIREMEN			
meet the incre	<u>PROVIDED</u> : The present system is unable to nestruction, therefore, as current facilities easing force structure, individual facility d thereby increasing coets for both installa	are e	expanded to
·			

1. COMPONE		1				
ARNG	VI	FY	1994 MILITARY CONS	TRUCTION PROJECT D	ATA	2. DATE
3. INSTALLAT	ION AND	LOCATI	ON		<del></del>	
			VILS LAKE),			
NORTH 4. PROJECT 1		۸				
HEATIN		NT AD	DITTON		5. PHOJE	CT NUMBER
					3800	65
		NTAL				
a.	ESTI	MATED	DESIGN DATA:			
	(1)	STAT	US:			
ľ		(a)		1		
		(b) (c)		s of 1 January 93 ed to be 35% Complet		
		(d)		ted		
		, -,	<b>6-</b>			
	(2)	BASI	S:			
	,	(a)			No	_X_
		(b)	Where was Design Pr	eviously Used? N/	1	
	(3)	COST	(TOTAL) (c) = (a)+(	(b) or (d)+(e):		\$000)
			Production of Plans			
		(b)		sts		
		(c) (d)				<del>77</del> ) 77)
		(e)				0_)
						,
	(4)	CONST	TRUCTION START		4/	9.4
b. from other			associated with thi	s project which wil	.1 be p	rovided
Faut	pment		Procuring	Fiscal Year Appropriated	Cos	
	nclat		Appropriation	or Requested	(\$00	
			NONE			
				•		
						l

		FY 1994 GUARD			2. D	ATE STA
ARNG	<u> </u>	MILITARY CO	NSTRUCTI	ON		
. INSTALLATION	AND LOCATION				1 6	REA CONSTR OST INDEX
CAMP WILLI	AMS (LEHI)	, UTAH			8	9.0
FREQUENCY AN	TYPE UTILIZATE	ON				
RESERVE, A PER YEAR.	ND ACTIVE I	EAR-ROUND TRAIN: DUTY UNITS. WEI AINING BY RESER' D ACTIVE COMPONI	EK-END USE VE FORCES A	AVERAGES 4 VERAGES 15	2-45 WEI	EK-ENDS
OTHER ACTIVE	GUARD/RESERVE	INSTALLATIONS WITHIN 1	5 MILE RADIUS			
	RICAN FORK	(13 MILES)	ARMORY	21,458		1956
LEH:		(7 MILES)	ARMORY	14,386		1958
MURI		(16 MILES)	ARMORY	19,727		1955
	I JORDAN	(11 MILES)	ARMORY	14,822		1977
	JORDAN	(11 MILES)	ARMORY	36,194	SF	1977
PROJECTS REC	UESTED IN THIS I	PROGRAM				
CODE		PROJECT TITLE	SCOPE	COST (\$000)	DESIG START	N STATUS COMPLETE
179		INFANTRY	LS	1,066	11/92	03/93
179		SQUAD BATTLE	LS	1,000	11/96	03/93
		COURSE (RETS)				
STATE RESERVI	E FORCES FACILIT	Ties board recommend)	TTON		00.5	250 00
ACILITIES	IDENTIFIED	IN ITEM 6 HAVE	BEEN EXAM		E -//	DEC 92
ACILITIES TATE RESER	IDENTIFIED	IN ITEM 6 HAVE COMPONENT FACIL	BEEN EXAM	FOR POSSIB	LE (I	Date)
ACILITIES TATE RESER DINT USE/E	IDENTIFIED VE FORCES XPANSION.	IN ITEM 6 HAVE	BEEN EXAM	FOR POSSIB	LE (I	CTION.
ACILITIES TATE RESER DINT USE/E	IDENTIFIED VE FORCES XPANSION.	IN ITEM 6 HAVE COMPONENT FACIL	BEEN EXAM	FOR POSSIB	LE CONSTRUC	Date)
ACILITIES TATE RESER OINT USE/R LAND ACQUISIT	IDENTIFIED  VE FORCES  XPANSION.  ION REQUIRED	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM ITY BOARD MMENDEND U	FOR POSSIB	LE (E CONSTRUC	Onte) CTION.  One of Acres
ACILITIES TATE RESER OINT USE/R LAND ACQUISIT	IDENTIFIED  EVE FORCES  EXPANSION.  FOR REQUIRED  WHED IN NEXT FOR	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM	FOR POSSIB	LE CONSTRUC	Onte) CTION.  One of Acres
TACILITIES STATE RESERVICION USE/R LAND ACQUISIT  PROJECTS PLA PROJ	IDENTIFIED  VE FORCES  EXPANSION.  ON REQUIRED  NINED IN NEXT FOR	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM ITY BOARD MMENDEND U	FOR POSSIB	LE (E CONSTRUC	Onte) CTION.  One of Acres
ACILITIES TATE RESER OINT USE/R LAND ACQUISIT PROJECTS PLA PROJ OUT ASSAUL	IDENTIFIED IVE FORCES XPANSION. ION REQUIRED INNED IN NEXT FOR IECT T COURSE	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM ITY BOARD MMENDEND U	FOR POSSIB NILATERAL CO	LE (Aumber ST (\$000	Onte) CTION.  One of Acres
CACILITIES ETATE RESERVICINT USE/R LAND ACQUISIT  PROJECTS PLA PROJ OUT ASSAUL	IDENTIFIED IVE FORCES XPANSION. ION REQUIRED INNED IN NEXT FOR IECT T COURSE	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM ITY BOARD MMENDEND U	FOR POSSIB NILATERAL CO	LE (ALE CONSTRUCTION (Number ST (\$000 CO) 850	Onte) CTION.  One of Acres
ACILITIES STATE RESERVICION USE / I LAND ACQUISIT D. PROJECTS PLA	IDENTIFIED IVE FORCES XPANSION. ION REQUIRED INNED IN NEXT FOR IECT T COURSE	O IN ITEM 6 HAVE COMPONENT FACIL THE BOARD RECO	BEEN EXAM ITY BOARD MMENDEND U	FOR POSSIB NILATERAL CO	LE (ALE CONSTRUCTION (Number ST (\$000 CO) 850	Onte) CTION.  One of Acres

ARNG	FY 1994 GUARD A		- COS
3. INSTALLATION AND L	OCATION		
CAMP WILLIAMS	(LEHI), UTAH		
11. PERSONNEL STREN	GTH AS OF 30 SEP 92		
AUTHORIZE ACTUAL	PERMANENT TOTAL OFFICER ENLISTED	CMLIAN TOTAL OFFICER 5870 969 6171 911	4901
12 RESERVE UNIT DAT	A		
		STRENG	
	ANTRY, SPECIAL FORCES UNITS FROM UTAH,	AUTHORIZED 5,870	ACTUAL 6,171
13. MAJOR EQUIPMENT	AND AIRCRAFT		
TYPE N/A		AUTHORIZED	ACTUAL
14. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES	(\$000)	
A. AIR POLI	LUTION	NONE	
B. WATER PO	OLLUTION	NONE	
C. OCCUPAT	IONAL SAFETY AND HEALTH	NONE	
DD Form 1390S/2	, MAY 78 REPLACES DD FORM 13	390S, DEC 76, WHICH IS OBSOLETE	Page 2 of 2

1.				
1. COMPONENT			2. DATE	
ARNG	FY 1994 MILITARY CONSTRUC	CTION PROJECT D	ATA .	13
3. INSTALLATION AND				
CAMP WILLIA	MS (LEHI), UTAH			
4. PROJECT TITLE			5. PROJECT NUMBE	R
INFANTRY SQ (RETS)	UAD BATTLE COURSE		490058	
12. SUPPLEME	NTAL DATA			
a. ESTI	MATED DESIGN DATA:			
(1)	STATUS: (a) Date Design Started (b) Percent complete as of (c) Date Design Expected t (d) Date Design Completed.	1 January 1993. o be 35% Complet		
(2)	BASIS: (a) Standard of definitive (b) Where was Design Previ			•
(3)	COST (TOTAL) = (c) = (a)+(b (a) Production of Plans an (b) All other design costs (c) Total	d Specifications	( <u>0</u> ) ( <u>46</u> ) ( <u>46</u> )	
(4)	CONSTRUCTION START		4/94	
b. Equip	oment associated with this propriations:	roject which wil	l be provide	đ
	oment Procuring aclature Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	
	ed Target OPA om (RETS)	94	360	

1. COMPONENT		FY 1994 GUAR	D AND RES	SERVE	2. DATE
ARNG		MILITARY CO			350
3. INSTALLATION AF	ID LOCATION				4. AREA CONSTR COST INDEX
CAMP WILLIAM	(S (LEHI).	UTAH			89.0
5. FREQUENCY AND	TYPE UTILIZATIO	ON .		<del></del>	
CAMP WILLIAM RESERVE, ANI PER YEAR. A YEAR. AND RI 6. OTHER ACTIVE/GI ARNG: AMERI MURR WURR	AS IS A YED ACTIVE DO ACTIVE DO ACTIVE DO ACTIVE DO ACTIVE DO ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE DE ACTIVE D	AR-ROUND TRAIN UTY UNITS. WE INING BY RESER ACTIVE COMPON NSTALLATIONS WITHIN (13 MILES) ( 7 MILES) (16 MILES) (11 MILES) (11 MILES)	EK-END USE VE FORCES IENTS 6-10 15 MILE RADIUS ARMORY ARMORY ARMORY	AVERAGES 42- AVERAGES 12-1 WEEKS PER YEA 21.458 SF 14.388 SF 19.727 SF 14.822 SF 36.194 SF	6 WEEKS PER
		ES BOARD RECOMMEND IN ITEM 6 HAV		MINED BY THE	09 DEC 92
		COMPONENT FACI			(Date)
JOINT USE/EX		THE BOARD REC	OMMENDEND	UNILATERAL CO	NSTRUCTION.
9. LAND ACQUISITION	NREQUIRED				(Number of Acres)
10. PROJECTS PLANE	NED IN NEXT FOR	JR YEARS			
PROJE	СТ		FY	COST	(\$000)
INFANTRY SQD	BATTLE CO	URSE	94	1	.066
TISA FACILIT	Y		97	1	. 174
		N COMPLETED AN			

1. COMPONENT ARNG	FY 1994 GUAR MILITARY CO				2. DATE
3. INSTALLATION AND	LOCATION				
CAMP WILLIAM	S (LEHI), UTAH				
11. PERSONNEL STRE	NGTH AS OF 30 SEP 92		<del></del>		
AUTHORIZE ACTUAL	PERMANENT TOTAL OFFICER : ENLISTED	<u>CMLIAN</u>	5870 6171	969 911	
12. RESERVE UNIT DA	TA				
				STRENG	
UNIT DESIG			AUTHORIZED		ACTUAL
	FANTRY, SPECIAL FORCES UNITS FROM UTAH,		5,870		6,171
COLORADO AND					
13. MAJOR EQUIPMEN	T AND AIRCRAFT				
TYPE			AUTHORIZED		ACTUAL
N/A	,		AUTHORIZED		ACTUAL
•					
14. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES				-
			(\$000)		
A. AIR POL	LUTION		NONE		
B. WATER P	OLLUTION		NONE		
C. OCCUPAT	IONAL SAFETY AND HEALTH		NONE		
DD Form 1390S/	2. MAY 78 REPLACES DD FORM	1390S, DEC 76, W	HICH IS OBSOLI	TE	Page 2 of 2

1. COMPONENT						2. DATE
	Y 1994 MILITARY COI	NSTRUC	TION P	ROJEC	T DATA	÷ 833
3. INSTALLATION AND LOCA	TION		4 PROJEC	TITLE		
CAMP WILLIAMS (			TERRA.	IN (MO	UT) ASSAU	IN URBANIZED LT COURSE
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	3	8. PROJECT C	OST (\$000)
0505896A	179	4900			850	
	9. COS	ST ESTIMAT	ES	,		
	ITEM		U/M	QUANT	ITY UNIT CO	ST COST (\$000)
8 STRUCTURES SUPPORTING FACILI SITE PREPARATIO	TIES	ROL	LS	-	-	446 ( 446) 352 ( 68)
TARGET STORAGE/	TIONSAMMO BUILDING		. SF	1000		1 \/
	TRINE			1000		
UTILITY SYSTEM/	FLAG POLE		. LS	3200	10.00	( 53)
EARTH WORK				-	-	( 90)
SUBTOTAL	· · · · · · · · · · · · · · · · · · ·		:	-	-	( <u>5</u> ) 798 40
SUPERVISION, INSP	& OVERHEAD (1.50%)		.			12
TOTAL REQUEST	OM OTHER FED APPR	NON AD	:			850 ( 15)
Assault Course wit facilities to repr storage/repair bui road/parking, latr Air Conditioning: 11. REQUIREMENT: 1 PROJECT: Construc protice engaging areas. (Current Mi	of a Military Operath an underground seesent an urban set alding, ammo breakd ines and utilities NONE  ADEQUATE: Nation of a MOUT Assitargets in a simulassion)	ting, control of the	rainer, observa ilding, SUE ourse ( ombat e	STANDA MAC) i	seven oth platforms red mess, ARD: N/A for train ment in u	er , target access ing and rbanized
REQUIREMENT: This	range is needed t	о вирро	ort the	Utah	National	Guard
and NCO Academy th CURRENT SITUATION: pistol range, M-16 demolition range, IMPACT IF NOT PROV area that could su travel to Fort Ben situation would ex	at presently train The existing ran known distance ra hand grenade and f (IDED: Camp Willia pport this range, ning, Georgia to t ist if not provide able to qualify a	at the ges cur nge, 25 ield fi ms is t If not rain or d. Uni	e Camp rently meter ire ran the onl provi	William in or range ge. y cent ded, urange. uired	ems Train eration e, M-60/M rally lo inits wou An adv	ing Site. are: The -2 range.  cated ld have to erse range

1. COMPONENT					2. DATE
ARNG	FY 199	MILITARY CONSTRU	CTION PROJECT D	ATA	F83
CAMP VILLI		. UTAH			
PROJECT TITLE				5. PROJE	CT NUMBER
MILITARY O		IN URBANIZED LT COURSE		4900	87
2. SUPPLEM	ENTAL DATA				
a. EST	MATED DES	IGN DATA: -			
(1)	(b) Per-	e Design Started cent complete as of a Design Expected t a Design Completed.	1 January 1993 o be 35% Complet		<u>80%</u> 3/92
(2)		ndard of definitive re was Design Previ			-1-7
(3)	(a) Prod (b) All (c) Tota (d) Cont	FAL) = (c) = (a)+(b duction of Plans an other design costs l	d Specifications	3 ( ( (	() 38) 38)
(4)	CONSTRUCT	TION START			4/94_
b. Equi	pment asso propriatio	ciated with this pone:	roject which wil	l be p	rovided
			Fiscal Year		
	pment nclature	Procuring Appropriation	Appropriated or Requested	Cos	
Targ Mech	et anisms	AMSCO 518893.16	94	15	

ARNG F	Y 1994 MILITARY CON	STRUCTIO	N PR	OJECT DA		ادری: ادری:
INSTALLATION AND LOCAL EXISTING ARMORIS	TION ES IN VARIOUS STATE	1		UNIT ST	DRAGE BU	ILDINGS
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NU	MBER	8 PF	OJECT COST	(\$000)
0505896A	171	999411		75	50	
	9. COS	ESTIMATES				,
	ITEM	1	U/M	QUANTITY	UNIT COST	(\$000)
STORAGE BUILDING SUPPORTING FACILI' SITE PREPARATION FENCING SECURITY LIGHTIN SUBTOTAL CONTINGENCY (5%) SUPERVISION, INSP	STIES		LS LS LS			550 ( 550) 158 ( 90) ( 48) ( 20) 708 30 12 750 ( 0)
oncrete slab foun ravity ventilatio ecurity lighting ir Conditioning:  1. REQUIREMENT: ROJECT: The vari torage, estimated apacities. These onstructed adjace ith this phase ac ocations througho EQUIREMENT: Thes nadequate supply ission has outstr URRENT SITUATION: xisting building urrent Authorized MPACT IF NOT PROV quipmant must be ther training and	gineered metal, pr dation with minima n. Support facili and security fenci NONE N/A ADEQUAT ous States have id at \$6.1 million f warehouses, with nutring arm quiring approximat	I lighting ties for to age.  E: N/A entified a per 50 built in the second to the entified to the entified to the entification (ALO) bunts of a reasonabl ce will be entified to the entification (ALO) bunts of a reasonabl	shis shippoints or sure sease ease quij	SUBSTANI ortage in gs of vair t featur is a multi b buildir pplement cs in pre quate spa ment is: r mobiliz orized su curr fr converted	DARD: N/n armory rious si res, wil ti year ngs for the exi e-mobili acc with saued und sation. pplies m the e into se into se into se riot	lets, an nclude  A unit zes and l be program. various sting zetion in the er and lements. cure

1. COMPONENT	EV 4004 MILITARY 001	ICTOIL	TION :				2. DATE
ARNG	FY 1994 MILITARY COI	NSTRUC	HON	HOJEC	נט וכ	NIA	
3. INSTALLATION AND L	OCATION		4. PROJ	CT TITLE			
EXISTING ARMO	ORIES IN VARIOUS STAT	ES	1NDO	OR RANG	GE M	ODERN12	ZATION
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMB	EA	B. PF	OJECT CO	ST (\$000)
0505896A	179	9999	14		6.	37	
	9. CQ	ST ESTIMAT	res				
	ITEM		UA	QUAN	TITY	UNIT COS	COST (\$000)
PRIMARY FACILI	TY						500
	S		L	s	•	-	( 500)
	ILITIES	• • • • • •	··   .			1	93
	TION		.   L	S	•	-	( <u>93</u> ) 593
	z)						31
	NSP & OVERHEAD (2%)					1	13
							637
EQUIP PROVIDED	FORM OTHER FED APPR.	. NON AI	DD			ł	( 0)
				1			
			- [				İ
			- 1	1			1
			ı	1		ļ	1
				1		ŀ	1
				1			
40 DESCRIPTION OF PR	OPOSED CONSTRUCTION		Щ.,	┸——		l	
	nmental conditions, r	emove h	azard	ous le	ad p	articl	es
	at armory indoor rifle						
	stems, adequate bulle						ment.
	ranges if necessary w	ith the	se sa	ne fea	ture	s.	
Air Conditionin 11. REQUIREMENT		F· N/A		SIIRS	TAND	ARD: N	/4
	nize or replacement						
	mall arms and marksman						
components assi	igned at various location	tions t	hrough	nout t	he c	ountry	. This is
	rogram to correct the						
	rmories. If range me						
	door ranges will be co corrected during this						0 closed
	The States have ident:						closed
	tailed because of ha						
lead oxide part	icles, lack of ventil	lation,	inad	quate	aco	ustics	and other
	ty problems. Return						
	to acquire necessary						
duty training.	igned Army National (	Juara u	nits (	uring	per.	logs of	inactive
CURRENT SITUATI	ON: The indoor range	es are	close	i. lim	ited	. or se	everely
	use of health risk to					,	,
IMPACT IF NOT P	ROVIDED: The lack of	f marks	mansh:	lp fam:	ilia		
	ractice during inacti	lve dut	y tra	ining p	peri	ods wil	ll effect
combat readines	δ.						

1. COMPONENT ARNG	FY 1994 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3 INSTALLATION A	ND LOCATION	4 AREA CONSTR
CAMP JOHNSOI	N (COLCHESTER), VERMONT	COST INDEX
5 FREQUENCY AND	TYPE UTILIZATION	
THIS FACILITY WEEKENDS PER	TY IS USED BY THE FULL-TIME WORK/FORCE 5 DAYS R MONTH.	A WEEK AND TWO
	UARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS	
	BURLINGTON (2 MILES) AASF 39,74	
VINOC	10,100	
	INGTON (8 MILES) ARMORY 19.63	
USAR: COLCI	HESTER (.5 MILES) ARMORY 21,24	
7. PROJECTS REQUE	STED IN THIS PROGRAM	
CATEGORY CODE	PROJECT TITLE SCOPE (\$000)	DESIGN STATUS START COMPLETE
214	ORGANIZATIONAL 10.835 SF 1002 MAINTENANCE SHOP	11/88 11/90
FACILITIES I STATE RESERV	ORCES FACILITIES BOARD RECOMMENDATION DENTIFIED IN ITEM 6 HAVE BEEN EXAMINED BY THE E FORCES FACILITY BOARD FOR POSSIBLE JOINT USE THE BOARD RECOMMENDED UNILATERAL CONSTRUCTION	
9 LAND ACQUISITION		
NONE		(Number of Acres)
NONE	HED IN NEXT FOUR YEARS	
	EY HAS BEEN COMPLETED AND THE SITE IS SUITABLE OF THE PROPOSED PROJECT AT THE ESTIMATED COST	
Form 1390S/	1. MAY 78 120/215	Page 1 of

COMPONENT	F,			AND RE			2. DATE
INSTALLATION AND	LOCATION					1	
CAMP JOHNSON	(COLCHESTE	R), VE	RMONT				
11. PERSONNEL STRE	NGTH AS OF 3(	SEP 9	2				
		PER	MANENT			GUARD/RESI	ERVE
	TOTAL	OFFICER		CIVILIAN	TOTAL	OFFICER	
AUTHORIZE	16	1	15		739	171	568
ACTUAL	16	1	15		719	144	<u>575</u>
12. RESERVE UNIT DA	TA.					STRENG	тн
UNIT DESIG	PHATION				AUTHORIZED		ACTUAL
HEADQUARTER: UIC: WV53A	S 186 FORWA	RD SUP	PORT BAT	TALION	31		27
C COMPANY/1	B6 FORWARD	SUPPOR'	r battal	ION	82		66
UIC: WW53BG TPSN: 02050							
COMPANY B (- UIC: WW53D0 TPSN: 02050	o e	ARD SU	PPORT BA	TTALION	198		172
HEADQUARTERS	TTALION	NT 86TI	H AIR TR	AFFIC	69		66
TPSN: 30611	4						
175N: 30611		(CONT	INUED ON	PAGE 3)			
13. MAJOR EQUIPMEN	IT AND AIRCRAFT						
TYPE					AUTHORIZED		ACTUAL
WHEELED	VEHICLES				260		221
TRAILERS					103		63
TRACKED	VEHICLES				0		1
14. OUTSTANDING PO	N.LUTION AND SAF	FTY DEFIC	ENCIES				
201017110110110110			50	( :	\$000)		
A. AIR POI	LUTION			1	NONE		
B. WATER I	POLLUTION			1	NONE		
C. OCCUPAT	TIONAL SAFE	PV AND	UPALTU	,	NONE		

1. COMPONENT				2. DATE
ARNG	FY 1994 MILITARY CONST	RUCTION PROJECT I	ATA	3.3
B. INSTALLATION AND	LOCATION			L
	(COLCHESTER), VERMONT			
PROJECT TITLE			5 PROJE	ECT NUMBER
ORGANIZATION	NAL MAINTENANCE SHOP		5000	109
2. RESERVE U	UNIT DATA (CONTINUED)		-	· · · · · ·
	IGNATION	STRENGT		
		AUTHORIZED	ACTUAL	4
	C CONTROL PLATOON/ IC CONTROL BATTALION	38		36
86 AVIATION O IC: WVF1AO PSN: 0205003	OMPANY	139	1	144
EADQUARTERS/S IC: W8BFAA PSN: 46751	TATE AREA COMMAND-VERMON	r 170	1	96
O AIR TRAFFIC IC: WVHUAA PSN: 30613	CONTROL/86 AIR TRAFFIC C	CONTROL 12	٦	.2_
	1	TOTAL 739	7	19

1. COMPONENT					2.	DATE
	1994 MILITARY CO	NSTRUCT	TION PR	OJECT D	ATA	333
3. INSTALLATION AND LOCAT	ION		. PROJEC			
CAMP JOHNSON (CO	LCHESTER), VERMON					ANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER	8. Pi	OJECT COST	(\$000)
0505896A	214	50000		1	, 002	
	9. CC	ST ESTIMATE	S			
	ITEM		U/M	QUANTITY	UNIT COST	(\$000)
SUPPORTING FACILIT SITE PREPARATION FUEL STORAGE & I FENCING PAVING (FLEXIBLE IN GROUND LIFTS.	AAINTENANCE SHOP. (TIES. N. DISPENSING SYSTEM. E) R/SEVER/GAS/TELECC	DM	LS LS LS LS LS LS	10835 - - - - - -	77.00	834 ( 834) 106 ( 16) ( 35) ( 8) ( 22) ( 17) ( 940 47 15 1,002 ( 6)
for the vehicles a (Current Mission)	tility with 8 work sonry, built-up reserved in the sons of the son	JATE:  Deprovide the period of	O SF e organy y this O,835 formed rganiz- units ins 4, pment orkbay	SUBSTAN nizationa maintena SF to per on addit ation and .574 SF ar in an eff space, a	Supportie parki	ing, site  i.5.74 SF  mance  i.d new  int/Table  i.dequate  ind cost  ative,  corted

1. COMPONENT			2. DATE
ARNG	FY 1994 MILITARY CONSTRUCTION PROJECT DA	ATA	±33
3. INSTALLATION AND			
CAMP JOHNSO	N (COLCHESTER). VERMONT		
4. PROJECT TITLE		5. PROJ	ECT NUMBER
ORGANIZATIO	NAL MAINTENANCE SHOP	5000	009
12. SUPPLEME	NTAL DATA:		
a. ESTI	MATED DESIGN DATA:		
(1)	STATUS:		
	(a) Date Design Started	1	1/88
	<ul><li>(b) Percent complete as of 1 January 93</li><li>(c) Date Design Expected to be 35% Complet</li></ul>		
	(d) Date Design Completed		
(2)	BASIS:		
(2)	(a) Standard or Definitive Design - Yes	No	_X_
	(b) Where was Design Previously Used? N/A		
(3)	COST (TOTAL) (c) = (a)+(b) or (d)+(a):		(\$000)
(0)	(a) Production of Plans and Specifications		
	(b) All Other Design Costs		
	(c) Totai(d) Contract		
	(e) In-House		
(4)	CONSTRUCTION START	4	/94_
b. Equi from other ap	pment associated with this project which will propriations:	i ba p	provided
	Fiscal Year		
Equipmen		Cost	
Nomencl		(\$000)	
Telecomm	unication AMSCO 519895.10 94	3	
Furnitur	AMSCO 515891.30 94	3	

1. COMPONENT		FY 19	994 GUARD	AND RESE	HVE		2. DA1	
ARNG				NSTRUCTIO				632
3. INSTALLATION A	ND LOCATIO	V					4. ARE	A CONSTR T INDEX
YAKIMA TNG	CENTER,	(YAKIM	A) WASHINGT	гои				2.0
5. FREQUENCY AND	TYPE UTILIZ	ATION	_					
16 WEEKS OF	ANNUAL ) FROM	TRAINI	NG BY NATIO TON, IDAHO	KENDS OF IN ONAL GUARD A AND OREGON.	ND RESERV	VE C	OMPONE	NTS
ARNG: YAKI	BUARD/RESER		ATIONS WITHIN 1 (0 HILES)	5 MILE RADIUS MATES	31270	SE	197	16
YAKI		CIK	(7 MILES)	ARMORY	32880		198	
USAR: YAKI	MA TRNG	CTR	(0 MILES)	ARF CENT			198	-
USMCR: YAKI	MA		(9 MILES)	ARP CENT	ER 35000	SF	197	'3
PROJECTS REQU	ESTED IN TH	IS DOOGDA	<u>.                                    </u>					
CATEGORY	20120 111				COST		DESIGN	STATUS
CODE		PROJE	CT TITLE	SCOPE	(\$000)	ST	ART	COMPLETE
179			INE GUN/ E RANGE	16 LANES	1,527	03	/92	04/93
FACILITIES STATE RESER JOINT USE/E	IDENTIFI VE FORCI XPANSION	ED IN : S COMPO I. THE	ITEM 6 HAVE DNENT FACIL		OR POSSIE	BLE	(Da	•
FACILITIES STATE RESER JOINT USE/E: B. LAND ACQUISITION	IDENTIFI VE FORCI XPANSION	ED IN : S COMPO I. THE	ITEM 6 HAVE DNENT FACIL	BEEN EXAMI	OR POSSIE	BLE	STRUCT	rion.
FACILITIES STATE RESER JOINT USE/E LAND ACQUISITE NONE	IDENTIFI VE FORCE XPANSION ON REQUIRES	ED IN : ES COMPO I. THE	ITEM 6 HAVE DNENT FACIL BOARD RECO	BEEN EXAMI	OR POSSIE	BLE	STRUCT	ite)
FACILITIES STATE RESER JOINT USE/E  LAND ACQUISITE NONE	IDENTIFI VE FORCE X PANSION ON REQUIRES	ED IN : ES COMPO I. THE	ITEM 6 HAVE DNENT FACIL BOARD RECO	BEEN EXAMI	OR POSSIE	CON	STRUCT	TION.
JOINT USE /E: 9. LAND ACQUISITION NONE 10. PROJECTS PLAN	IDENTIFI VE FORCE X PANSION ON REQUIRES WHED IN NEX	ED IN : ES COMPO I. THE	ITEM 6 HAVE DNENT FACIL BOARD RECO	BEEN EXAMI ITY BOARD F MMENDEND UN	OR POSSIE	CON	STRUCT 0 (Number	TION.
FACILITIES STATE RESER JOINT USE/E: LAND ACQUISTIN NONE O. PROJECTS PLAN PROJ: MATES ADDIT.	IDENTIF: VE FORCI XPANSION ON REQUIRED WHED IN NEX ECT ION / ALTI	ED IN : S COMP(). THE COMP YEAR STATION	ITEM 6 HAVE ONENT FACIL BOARD RECO	BEEN EXAMI ITY BOARD F MMENDEND UN	OR POSSIFILATERAL  CO	SLE CON	(Pa STRUCT 0 (Number (\$000)	of Acres
PACILITIES STATE RESER STATE RESER JOINT USE/E: LAND ACQUISTIN NONE O. PROJECTS PLAN PROJ: MATES ADDIT.	IDENTIFIVE FORCI KYANSIO DON REGUINEE WHED IN NEX ECT ION / ALTE	ED IN : S COMPO I. THE CRATION BEEN CC: PROPOS	ITEM 6 HAVE ONENT FACIL BOARD RECO  PAS  OMPLETED AN SED PROJECT	BEEN EXAMI ITY BOARD F MMENDEND UN  FY  97	OR POSSIFILATERAL  CO	SLE CON	(Pa STRUCT 0 (Number (\$000)	of Acres

1. COMPONENT  ARNG	FY 1994 GUAF MILITARY C				2. DATE
3. INSTALLATION AND	LOCATION				
YAKIMA TNG CE	NTER, (YAKIMA) WASHING	TON			
11. PERSONNEL STREET	NGTH AS OF 30 SEP 92				
	PERMANENT TOTAL OFFICER ENLISTE	O CIVILIAN	TOTAL	GUARD/RESE OFFICER	
AUTHORIZE			7598	917	6681
ACTUAL		- —	6947	812	6135
12. RESERVE UNIT DAT	TA .			STRENG	тн
UNIT DESIGN	NATION		AUTHORIZED		ACTUAL
	TS FROM THE STATE OF DAHO, OREGON AND		7,598		6,947
13. MAJOR EQUIPMENT	AND AIRCRAFT				
N/A			AUTHORIZED		ACTUAL
14. OUTSTANDING POLI	LUTION AND SAFETY DEFICIENCIES		(\$000)		
A. AIR POLL	UTION		NONE		
B. WATER PO	LLUTION		NONE		
C. OCCUPATI	ONAL SAFETY AND HEALTH	I	NONE		
D Form 1390S/2	, MAY 78 REPLACES DO FORM	1 1390S, DEC 76,	WHICH IS OBSOL	ETE	Page 2 of 2

PRIMARY FACILITY.  MODIFIED MACHINE GUN & RIFLE RANGE LS - (CONTROL TOWER						
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YAKIMA).  WASHINGTON  5. PROGRAM ELEMENT 0505896A  179  9. COST ESTIMATES  ITEM  WAM QUANTITY WANT COST  CONTROL TOVER.  SITE PREPARATION/EROSION CONTROL  ACCESS ROAD, PARKING & SERVICE TRAIL  FLAG POLE.  LS  ACCESS ROAD, PARKING & SERVICE TRAIL  FLAG POLE.  LS  - (  RIGHT LIGHTING.  SUPPORTING FACILITIES.  SITE PREPARATION/EROSION CONTROL  LS  - (  RIGHT LIGHTING.  SUBTOTAL  CONTROL TOVER.  SITE OF PREPARATION (FROSTON CONTROL)  LS  - (  RIGHT LIGHTING.  SUBTOTAL  CONTINCENCY (5%)  SUPERVISION, INSP & OVERHEAD (1.4%).  TOTAL REQUEST.  CONTROL TOSP ROM OTHER FED APPR. NON ADD  10. DESCRIPTION OF PROPOSED CONSTRUCTION  This project consists of construction of a sixteen-lane modified recofire (RETS) rifle range superimposed upon an eight-lane (RETS) machin range incorporating the use of computer controlled, pop-up targets to simulate enemy soldiers at varying, unmarked ranges from 50 to 1000 meters. Supporting facilities include an ammunition breakdown buildirange control tower and computer building, target storage and mainter building, larrier facility, concurrent training site, and the require	303					
YAKIMA TRAINING CENTER (YAKIMA), MODIFIED MACHINE GUN RIFLE VASHINGTON (RETS)  S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000 0505896A 179 530049 1.527  S. COST ESTIMATES  ITEM UM CUANTITY UNIT COST 6. CONTROL 0.5 SF 120 180.00 (STATE OF CONTROL TOWER 0.5 SF 120 180.00 (STATE OF CONTROL TOWER 0.5 SF 120 180.00 (STATE OF CONTROL TOWER 0.5 STEP REPRARATION/EROSION CONTROL 0.5 STEP REPRARATION/EROSION CONTROL 0.5 STEP REPRARATION/EROSION CONTROL 0.5 STEP REPRARATION/EROSION CONTROL 0.5 STEP REPRARATION/EROSION CONTROL 0.5 STEP STEP STEP STATE OF CONTROL 0.5 STEP STEP STEP STATE OF CONTROL 0.5 STEP STEP STEP STEP STEP STEP STEP STEP	,					
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listed on the	aubsequ	ent page.							
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1 COMPONENT 2. DATE FY 1994 MILITARY CONSTRUCTION PROJECT DATA ARNG 40. 1933 3. INSTALLATION AND LOCATION VARIOUS, LOCATIONS 5. PROJECT NUMBER PROJECTS \$400,000 AND UNDER N/A Cat Code Project Title Cost(000) Station Hawaii 179 Known Distance 334 Range, Upgrade Kauai (PN: 150025) This project is for the upgrade of a ten point 300 yard Known Distance range into a 400 yard range. Supporting facilities include a target storage building and troop bleachers. This range will allow units on the island to complete training requirements in weapons qualification. (Current Mission) Missouri 171 Troop Medical 386 Pt Crowder (PN: 290053) Training Facility This project is for the construction of a 3,600 square feet masonry building. Supporting facilities include sidewalks, parking and utilities. This facility will allow medical personnel to train in their assigned mission while providing medical support at the training site. (Current Mission) 171 Training Site 304 Vermont Ethan Allen Support Facility (PN: 500023) This project is for the construction of a 5,000 square feet masonry building with three work bays, administrative area, parts/storage rooms, and carpentry/plumbing/electrical shops. This facility houses the personnel which provides maintenance support to the training site buildings and ranges. (Current Mission)

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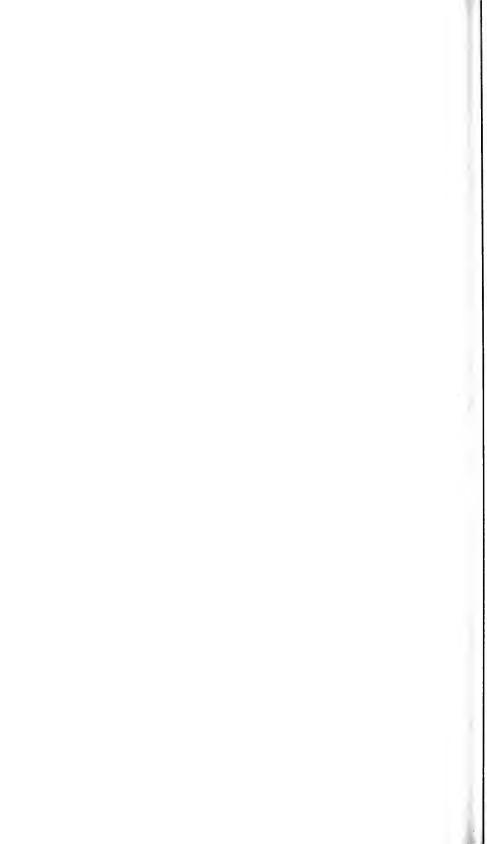
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Unspecified minor construction projects which have a funded cost of \$400,000 or less, including construction, alteration, or conversion of permanent or temporary facilities or land acquisition as authorized.

permanent or temporary facilities or land acquieition as authorized.

Air Conditioning: NONE

11. REQUIREMENT: To provide funds for the construction of projects not otherwise authorized by law when the dollar costs are less than \$400,000. Such requirements are the result of recognized facilities shortfalls, or unforeseen conditions resulting from changes in mission and equipment, or to correct damage caused by severe weather or other acts of nature. Based on prior program execution experience, the dollar costs for correcting these identified shortfalls are such that they do not require specific authorization in the regular Military Construction Program.



# DEPARTMENT OF THE ARMY UNITED STATES ARMY RESERVE MILITARY CONSTRUCTION PROGRAM FY 1994 BUDGET ESTIMATES



**APRIL 1993** 

## 678

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Unspecified Construction	II-34
Planning and Design	11-35

#### Department of the Army Military Construction, Army Reserve - FY 1994 Index of Locations (Dollars in Thousands)

State/ County	Installation and Location Project Title	Auth/ Approp Amount	DD Form 1391 Page No.
	INSIDE THE UNITED STATES		
Alabama	Birmingham		
	Battle Projection Center	4.719	II-3
	Subtotal	4,719	
Alaska	Fort Richardson		
	Addition/Alteration to USAR Center Organizational Maintenance Shop/ Direct Support-General Support/Are Maintenance Support Activity/ Storage		II-7
	Subtotal	10,324	
Illinois	Argonne		
	USAR Center/Organizational Maintenance Shop	10.381	II-11
	Subtotal	10,381	
Louisiana	New Orleans		
	Land Acquisition	645	II-15
	Subtotal	645	
North Carolin	a Morehead City		
	Addition/Alteration to USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity (Marine)	9.335	II-18
	Subtotal	9,335	

### Department of the Army Military Construction, Army Reserve - FY 1994 Index of Locations (Dollars in Thousands)

State/ County	Installation and Location Project Title	Auth/ Approp Amount	DD Form 1391 Page No.
Ohio	Columbus		
	USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity/Direct Support- General Support	14.701	II-23
ď.	Subtotal	14,701	
South Carolina	a Fort Jackson		
	USAR Center/Organizational Maintenance Shop/Direct Support	10.428	II-27
	Subtotal	10,428	
Washington	Fort Lewis		
	USAR Center/Area Maintenance Support Activity/Organizational Maintenance Shop/Equipment Concentration Site/Warehouse	14,703	II-32
	Subtotal	14,703	
	Subtotal Major Construction	75,236	
Support	Unspecified Minor Construction	2,100	II-34
	Planning and Design	4.897	II-35
	Grand Total Authorization/TOA	82,233	

# Department of the Army Military Construction, Army Reserve - FY 1994 New Mission/Current Mission Listing (Dollars in Thousands)

Location	Project	Cost	New/ Current
Birmingham, AL	Battle Projection Center	4,719	N
Ft Richardson, AK	Addition/Alteration to USAR Center/ Organizational Maintenance Shop/ Direct Support-General Support/ Area Maintenance Support Activity/ Storage	10,324	С
Argonne, IL	USAR Center/Organizational Maintenance Shop	10,381	С
New Orleans, LA	Land Acquisition	645	N
Morehead City, NC	Addition/Alteration to USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity (Marine)	9,335	N
Columbus, OH	USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity/Direct Support- General Support	14,701	С
Fort Jackson, SC	USAR Center/Organizational Maintenance Shop/Direct Support	10,428	N
Ft Lewis, WA	USAR Center/Area Maintenance Support Activity/Organizational Maintenance Shop/Equipment Concentration Site/Warehouse	14,703	С
	Total New Mission	25,127	
	Total Current Mission	50,109	
Various Locations	Unspecified Minor Construction	2,100	NA
	Planning and Design	4,897	NA
	Total	82,233	

# DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FY 1994

#### APPROPRIATION LANGUAGE

# MILITARY CONSTRUCTION, ARMY RESERVE,

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as authorized by Chapter 133 of Title 10, United States Code and military construction Authorization Acts, \$82,233,000 (\$31,500,000) (1) (2), to remain available until September 30, 1998 (1997) (1) (2).

- (1) Insertion of FY 1994 request.
- (2) Deletion of FY 1993 appropriation.

Program by activities:   Program by activiti	Budget Plan (asounts for MILITARY CONSTRUCTION sotions programed)	BUGGET PI CONSTRUCT	Sudget Plan (amounts for MILIT CONSTRUCTION actions programed)	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)
Program by activities:   Direct program by activities:	10entification code 21-2088-0-1-061	1992 actual	1992 est.	1994 est.
Major construction  Finance construction  Finance construction  Finance construction  Fortal	Program by activities: Direct brones:			
Nince construction Flanning Flanning Flanning Flanning Flance and lightions Flactorery of prior year oblightions Flactorery of prior year oblightions Flactorery of prior year budget plans Flance available, and of year: From completion of prior year budget plans Flance prior year budget belance as prior year Flance prior year budget belance as prior year Flance prior year budget budge		3 000	76.400	2.100
Financing  Financing:  Financing:  On Represented palace available, start of year:  On For completion of prior year budget plans  On Representing from/to prior year budget plans  On Representing from/to prior year budget plans  On Unabiligated balance available, and of year:  On Unabiligated balance available, and of year:  On Unabiligated balance available, and of year:  On Unabiligation of obligations to outlays:  On Obligation arounds incurred  On Obligation blance, and of year  On Obligated balance, and of year  On Obligated balance, and of year  On Obligated balance, and of year  On Obligated balance, and of year  On Adjustments in amplined accounts (ret)  On Adjustments in amplined accounts		9.500	006.0	4.897
Financing:  Out Recovery of prior year obligations  Unchigated balance available, and of year:  One Reprepantion of prior year budget plans  One Reprepantion of prior year budget plans  One Por completion of prior year budget plans  One Reprepantion of prior year budget plans  One Reprepantion of prior year budget plans  One Impeligated balance analysis  One Impeligated balance are outlays:  One Impeligated balance are outlays:  One Impeligated balance, and of year  One Impeligated balance, and of year  One Impeliance, and of year  One Impeliance are outlayer  One Impeliance and of year  One Impeliance and of year  One Impeliance and of year  One Impeliance are outlayer  One Impeliance are outlayer  One Impeliance are outlayer  One Impeliance are outlayer  One Impeliance and of year  One Impeliance are outlayer  One				
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	Relation of obligations to outlays:  DOI Obligations incurred  OOI Obligated belance, and of year  OOI Adjusted belance, and of year  OOI Adjusted to mappined accounts (net)			

		Obligations	
Identification code 21-2086-0-1-051	1992 actual	1992 actual 1993 ast. 1994 ast.	1994 est.
Program by activities: Direct program:			
	481.00	87.878	71,896
00.0301 Planning	7,088	7,481	6.852
10.0001 Total	73,908	70,066	91,394
Financing: 17,0001 Recovery of prior year obligations	-674		
. Unobitoated balance available, start of year: 31,4002 for completion of prior year budget plans 31,4009 Represents from from/to brior year budget blans	-104,388	-138,318	-110,402
5 5	138.818	110,402	111,241
		107,640 42,150 62,233	62,233
. 2		70.066	81.394
72.4001 Ubligated balance, start of year 74.4001 Ubligated balance, end of year	-87,755	-80,466	-47,379
	- 197		
Con the Contract of the Contra		107.356	84.48

Distribution (in Thousands of dollars)

Identif	testion code		1992 actual	1993 681.	
14. 10	Direct obligations: Personnel compensation: Full-time permanent	ons: sensetion: sensent		1,841 6,280 8,83	0.03
111.901		Total personnel compensation	1.841	8.280	1.636
112.101		Personnel Benefits: Civilian personnel	.706	980	4.487
122.80		fravel and transportation of persons fransportation of things	3-:		
123.101		ts to GSA		200	· ä
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28.00	-		=	. 21	•
132.00		מלכום	81,920	796.07	32.94
199.001	199.001 Tetal Direct obligations	obligations	73,806	70,066	11.394
9		•	72.908	72.908 70,068 81,394	91,394

#### MILITARY CONSTRUCTION, ARMY RESERVE FY 1994

#### SPECIAL PROGRAM CONSIDERATIONS

# Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### **Energy Conservation**

'Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

#### Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short term adverse degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

# Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

# SPECIAL PROGRAM CONSIDERATIONS

(continued)

#### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

#### Reserve Potential

The Reserve potential to meet and maintain authorized strengths of all Reserve flying/nonflying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having Reserve flying/nonflying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those Reserve units.

# Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

#### Use of Excess Schools and Other Buildings

Considerations were made to utilize available commercial or academic buildings but none were suitable except as identified by specific projects in this request.

# Placement of Reserve Component Units in Local Communities

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Directive 1225.7. It has been determined, in coordination with the other Military Departments

#### SPECIAL PROGRAM CONSIDERATIONS

#### (continued)

having Reserve units in the area, that the number of Reserve components presently located in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at authorized strength.

#### Facility Planning and Design Guide

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

# Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, all fiscal year 1994 projects have been screened against the Resolution Trust Corporation's (RTC) Real Estate Asset Inventory.

#### Congressional Reporting Requirements

The following paragraph, titled "Maintenance and Repair of Real Property," is in response to the Senate Appropriations Committee requirement contained on page 24 (Non-MILCON Construction Activities) of the Report #100-200 and page 1006 (Non-MILCON Construction activities), Senate and House Conference Report #100-498.

Cost

Appropriation	(\$000)
Operation and Maintenance, Army Reserve	
- Maintenance and Repair - Minor Construction	<b>4</b> 9.5 <b>6</b> .3

USAR	FY 1994 GUARD MILITARY COI			2. D/	NTE PR 93
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	- 4 weekends/month; 2 nig ersonnel - 5 days/week	hts/week			
USARC, Birmi USARC, Brimi ARNG Armory,	UARD/RESERVE MSTALLATIONS WITHIN 1: ingham, AL - 9 miles ingham, AL - 10 miles Birmingham, AL - 9 miles Homewood, AL - 11 miles	es			
7. PROJECTS REQUE	STED IN THIS PROGRAM				
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)	DESIG	N STATUS COMPLETI
171-40	Battle Projection Center				08/93
	FORCES FACILITIES BOARD RECOMMEND!		ned by t		Oct 92
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Facilities i Joint Servic joint use/ex LAND ACQUISITIO None	identified in Item 6 have be Reserve Component Faci opansion. The board reco	been exami:	for poss	ible (	Date)
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3. INSTALLATION AND	LOCATION		_			
Birmingham U	SARC #2, Bir	mingha	am, AL			
11. PERSONNEL STRE	NGTH AS OF OC	t 92				
	TOTAL	PERA	ENLISTED	CIVILIAN	GUARD/RI TOTAL OFFICE	
AUTHORIZE	58	12	23	23		
ACTUAL	46	10	19	17		
12. RESERVE UNIT DA	TA				erne	NOTE.
UNIT DESIG	PALATION!				AUTHORIZED	NGTH
		le a P:	ttle P-	niection	Center to trai	n the
					ing 4,000 offi	
Second U.S. 2	Army area.	Expect	ed util	ization i	s 50 weekends	per year.
				nnel in a	ddition to the	staff of
the 87th Mane	euver Area C	command	1.			
13 MAJOR EQUIPMEN	IT AND AIRCRAFT					
TYPE					AUTHORIZED	ACTUAL
None						
14. OUTSTANDING PO	LLUTION AND SAFE	TY DEFICI	ENCIES			· · · · · · · · · · · · · · · · · · ·
					(\$000)	
Air Pollution					0	
Water Pollut: Safety and Oc		Herlet			<b>0</b>	
Salety and O	cupacional	nearti	•		U	
						4
DD Form 1390S/	2 MAY 78	REPLACE	S DD FORM 1	390S DEC 74.1	WHICH IS OBSOLETE	Page 2 of 2

USAR FY 1994 MILITARY CONSTRUCTION			CTION P	RO.	ECT D	ATA	DATE APR 93	
Birmingham U Birmingham,	SAR			4. PROJE			ion Cent	er
55994A		6. CATEGORY CODE 7. PROJECT NUMBER 171-40 CAR 94-08158						(\$000)
		9. (	COST ESTIM	ATES				
		ІТЕМ		UAM	٥	VANTITY	UNIT COST	COST (\$000)
PRIMARY FACIL Battle Proje SUPPORTING Telecommunic Raised Compu General TOTAL CONSTRUC Contingencia Supervision TOTAL PROJECT	ctic CILI catic catic cter CTIO cs (!	on Center ITES: ons Floor N COST 5.0%) Administration	(6.0%)	SF LS SF LS		8080	90.00	3402 (3402) 838 (93) (346) (399) 4240 212 267 4719

Construct a new two-story training building for a Battle Projection Center (BPC). The building will be permanent construction with reinforced concrete grade beams on caisson foundations, concrete floor slabs, and brick veneer exterior walls to match the existing training building. It will include electrical systems, mechanical systems, raised computer floors, security alarm/intrustion detection, and remote/keypad access operated doors for physical security. Supporting facilities will include retaining wall, paving, site improvements, and extension of utilities to serve the project. Air Conditioning: 120 Tons

11. REQUIREMENT: 37,804 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Construct a new building at the existing U.S. Army Reserve Center for a Battle Projection Center (BPC). (New Mission) REQUIREMENT: This project provides a BPC with computer work stations, computer room, telecommunications, administrative, educational, storage, and support areas to train the commanders and ataffs of over 800 units (totaling 4,000 officers) in the Second U.S. Army area. The BPC houses the equipment and staff to run Combined Arms Command-Training simulations that give commanders and their staffs high quality, cost effective training. It has three sets of Brigade/Battalion Battle Simulation equipment and one set of Corps Battle Simulation equipment (total 57 work stations, 20 minicomputers, and one mainframe computer). The BPC staff runs computer simulations transmitted over telephone lines to the training units, which remain at home station. This supplements traditional field exercises and makes effective use of available training time for USAR units. The project provides a permanent training complex for the organization, planning, execution, and control of these simulation

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APR 93
3. INSTALLATION / Birmingha Birmingha	n USARC #2	
4. PROJECT TITLE	5. PRO	NECT NUMBER R 94-08158

activities for all units the 87th Maneuver Area Command (MAC) supports. CURRENT SITUATION: The 87th MAC will receive four sets of battle simulation equipment over a period of three fiscal years, beginning in FY 1993. The 87th MAC is now filling the additional personnel positions authorized for the BPC's. There is insufficient facility space to permanently house this equipment, the personnel, and the operational functions of a BPC without degrading the other training missions of the 87th MAC. The first set of equipment (10 work stations and 5 minicomputers) will become operational in the existing training building as a temporary measure by displacing other elements, causing overcrowding until this project is complete. The Corps of Engineers has screened Resolution Trust Corporation properties and found three in Birmingham, AL., that are either too small or excesively large for this project's requirements. IMPACT IF NOT PROVIDED: The existing facility lacks the space to operate effectively as a permanent BPC. The simulation equipment would have to be located elsewhere, requiring new construction at that location. The attendant personnel turbulence would keep the simulation equipment either inoperative or operative at reduced efficiency for an extended period. The simulations will not be available to maintain training standards as constrained budgets reduce mass travel for traditional exercises.

#### 12. SUPPLEMENTAL DATA:

- a. Estimated Design data:
  - (1) Status:

(a)	Date Design Started03/91
(b)	Percent Complete as of Jan 9365
(c)	Date Design 35% Complete07/92
(d)	Date Design Complete08/93

(2) Basis:

- (a) Standard or Definitive Design No(b) Where Design was Mostly Recently Used N/A
- (\$000) (a) Production of Plans and Specifications (\$88) (b) All Other Design Costs (3) Total (c) = (a) + (b) or (d) + (e): All Other Design Costs.....( 240) (C) Total....(<u>628</u>)
  - (d) Contract.....(<u>140</u>) In-house.....(<u>488</u>) (e) Construction start.....01/94
- b. Equipment associated with this project which will be provided from other appropriations:

	Fiscal Year	
Procuring	Appropriated	Cost (\$000)
Appropriacion	OI REQUESCED	130001
OMAR	1994	187
OMAR	1994	15
OMAR	1994	2
OMAR	1994	6
		$\frac{-6}{210}$
	Procuring Appropriation OMAR OMAR OMAR	Piscal Year Procuring Appropriated Appropriation Or Requested  OMAR 1994 OMAR 1994 OMAR 1994

	AND RESER		2. DATE APR 93
AND LOCATION		<del></del> -	4. AREA CONSTR
r, Fort Richardson, AK			COST INDEX
TYPE UTILIZATION			1.92
TYPE UTILIZATION			
	hts/week		
ndorf AFB, AK - 2 miles amp Carrol, AK - 3 miles amp Denali, AK - 4 miles	MILE RADIUS		
UESTED IN THIS PROGRAM			
PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START COMPLETE
	52,234 SF	10,324	01/88 07/93
identified in Item 6 have ice Reserve Component Faci	been examinated the been been been been been been been be	for possi	ble
			0
			(Number of Acres)
ANNEU IN NEXT FOUR YEARS			
	Personnel - 5 days/week  GUARD/RESERVE MSTALLATIONS WITHIN 19 Indorf AFB, AK - 2 miles amp Carrol, AK - 3 miles amp Denali, AK - 4 miles orage, AK - 10 miles  RUESTED IN THIS PROGRAM  PROJECT TITLE  Add/Alt USARC/OMS/DS-GS/ AMSA/Storage  FORCES FACILITIES BOARD RECOMMMENDA identified in Item 6 have ice Reserve Component Faci	AND A COMMENDATION OF THE PROPERTY OF THE PROP	Personnel - 5 days/week  //GUARD/MESERVE WISTALLATIONS WITHIN 15 MILE RADIUS Indorf AFB, AK - 2 miles amp Carrol, AK - 3 miles amp Denali, AK - 4 miles orage, AK - 10 miles  //COST PROJECT TITLE SCOPE (\$000)  Add/Alt USARC/OMS/DS-GS/ 52,234 SF 10,324  AMSA/Storage  //COST AMSA/Storage  //COST //

Page 1 of 2

1. COMPONENT	FY	1994 GUARD	AND RES	FRVF	1	2. DATE
USAR		ILITARY CO				APR 93
3. INSTALLATION AND	LOCATION					
USAR Center,	Fort Richard	son, AK				
11. PERSONNEL STREN	GTH AS OF Mar	93				
	TOTAL OF	PERMANENT FICER ENLISTED	CIVILIAN	TOTAL	GUARD/RES	
AUTHORIZE		6 17	6	337	37	300
ACTUAL	27	6 15	6	317	43	274
ACTORE						
2. RESERVE UNIT DAT	A ASGD/AU	TU DAS	<del></del>			
	·	111 746			STRENG	
UNIT DESIGN DET 1, 1984 U				AUTHORIZED 34		ACTUAL 58
AK SAT, 4960				10		7
CO A (-), 813		(H)		85		82
HSC, 813 ENGR Totals	BN (C) (H)			208		_170
100015				337		317
13. MAJOR EQUIPMENT	AND AIRCRAFT		* 1 4			
13. MAJOR EQUIPMENT TYPE	AND AIRCRAFT			AUTHORIZED		ACTUAL
TYPE Wheeled Vehic				152		73
TYPE Wheeled Vehic Trailers	les			152 74		73 25
TYPE Wheeled Vehic Trailers Tracked Vehic	les		******	152 74 <u>11</u>		73 25 <u>8</u>
TYPE Wheeled Vehic Trailers	les			152 74		73 25
TYPE Wheeled Vehic Trailers Tracked Vehic Totals	les 1es			152 74 <u>11</u>		73 25 <u>8</u>
TYPE Wheeled Vehic Trailers Tracked Vehic Totals	les 1es	/ DEFICIENCIES	(50)	152 74 <u>11</u> 237		73 25 <u>8</u>
TYPE Wheeled Vehic Trailers Tracked Vehic Totals	les les LUTION AND SAFETY	DEFICIENCIES	(\$0)	152 74 <u>11</u> 237		73 25 <u>8</u>
TYPE Wheeled Vehic Trailers Tracked Vehic Totals  4. OUTSTANDING POL Air Pollution	les les LUTION AND SAFETY	DEFICIENCIES		152 74 <u>11</u> 237		73 25 <u>8</u>
Wheeled Vehic Trailers Tracked Vehic	les 1es LUTION AND SAFETY		(	152 74 11 237		73 25 <u>8</u>
TYPE Wheeled Vehic Trailers Tracked Vehic Totals  4. OUTSTANDING POL Air Pollution Water Pollutio	les 1es LUTION AND SAFETY		(	152 74 11 237		73 25 <u>8</u>

USAR	FY 1994 MILITARY CO	NSTRUC	TION PE	ROJEC	T DATA	2. DATE APR 93
USAR Center Fort Richards			4. PROJECT Add/Al Storac	t/USA	RC/OMS/D	S-GS/AMSA/
55994A	6. CATEGORY CODE 171-40		94-0149		10,324	COST (\$000)
	ITEM		UM	QUANT	TTY UNIT C	OST (\$000)
Maintenance SUPPORTING FAC Site Improve Telecommunic Paving Lighting Site Prepara Site Utiliti Storm Draina Trees (Repla Information TOTAL CONSTRUC Contingencie	lding Building Addition Building Addition Building Alteration ILITIES: ment ations  tion and Demolition es ge & Pencing cement) Systems (Fiber Optic TION COST	•	SF SF SF LS LS LS LS LS LS LS	34551 11491 6192	162.	24 (1864)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construction will be a single story, concrete slab-on-grade flooring,
masonry and steel structure with protected membrane roof system complete
with an integrated site development. Air Conditioning: 0 Tons

11. REQUIREMENT: 52,234 SF

Substandard: 6,192 SF

PROJECT: Add to and alter the existing maintenance facility and construct new training center with storage space. (Current Mission)
REQUIREMENT: This facility will support and accommodate a support group headquarters, engineer battalion (-), and detachments from s United States Army Reserve Forces school and United States Army hospital with adequate administration epace, unit and individual training areas and storage areas. Included in the project is an assembly hall, learning center, library, classrooms, instructor classrooms, arms vault with arms maintenance area, kitchen and dining facility, supply storage and parking for privately owned vehicles. The maintenance facility will support authorized Organizational Maintenance Shop (OMS) services, Direct Support-General Support (DS-GS) and Area Maintenance Support Activity (AMSA) with 13 maintenance bays, maintenance administration space, tools and parts storage, battery storage and charging, flammable material atorage, overhead lifting capabilities and an expanded Military Equipment Park (MEP).

Adequate: 0 SF

CURRENT SITUATION: The existing facilities are overcrowded and inadequate for the authorized troop population. The existing training facility is situated in the vicinity of an environmentally impacted site which does not allow for expansion or alteration. Deficiencies include lack of provisions for the handicapped, inaufficient unit and individual storage space when considering arctic conditions and inaufficient administration

DD , FORM 1391

PAGE NO II-7

1. COMPON		2. DATE
USAR	FY 1994 MILITARY CONSTRUCTION	N PROJECT DATA
3. INSTALL	ATION AND LOCATION	
USAR	Center	
Port	Richardson, AK	
4. PROJEC	TITLE	S. PROJECT NUMBER
Add/A Stora	lt/USARC/OMS/DS-GS/AMSA/	CAR 94-01494

space. space. Storage space currently provided by the support installation is scheduled for demolition FY 92. The inadequacies in training and administration space, insufficient vehicle and maintenance facilities and inadequate supply and storage space adversely impact upon unit mission and training. The existing maintenance facility limits training and the units' ability to perform required maintenance services during periods of inclement weather. Adequate heating and ventilation do not support full utilization of the existing maintenance facility by unit personnel. Building number 45590, Ft Richardson, AK, 9,675 square feet, constructed in 1943, to be demolished in conjunction with this project. The Corps of Engineers has screened Resolution Trust Corporation (RTC) properties and found none available for this project. IMPACT IF NOT PROVIDED: Units will not be able to secure, store or

maintain unit and individual equipment or conduct training to meet readiness and mobilization objectives. Without adequate maintenance facilities, equipment and vehicles will not be maintained properly.

#### 12. SUPPLEMENTAL DATA:

- Estimated Design data:
  - (1) Status:

(a)	Date Design Started01/88
(b)	Percent Complete as of Jan 9365
(c)	Date Design 35% Complete
(d)	Date Design Complete07/93

(2) Basis:

	(a) Standard or Definitive Design - No
	(b) Where Design was Mostly Recently Used - N/A
(3)	Total (c) = (a) + (b) or (d) + (e) : $($000)$
	(a) Production of Plans and Specifications ( 0)
	(b) All Other Design Costs(0)
	(c) Total( <u>865</u> )
	(d) Contract( <u>150</u> )
	(e) In-house( <u>715</u> )
(4)	Construction start03/94

b. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ( <u>\$000</u> )
Purniture	OMAR	1995	254
Kitchen Equipment	OMAR	1994	86
Wire Partitions	OHAR	1994	178
Dehumidifier	OHAR	1994	5
Shelving Total	OMAR	1994	99 622

USAR	FY 1994 GUARI MILITARY CO			2. DAT	E R 93
I INSTALLATION AND LOCATIO	ON			4. ARE	A CONSTR IT INDEX
USAR Center, Argon	ne, IL			1.	
FREQUENCY AND TYPE UTILIZ	ZATION				
Reservists - 3 wee Full-Time Personne		.ghts/ <del>wee</del> k			
OTHER ACTIVE/GUARD/RESE		15 MILE RADIUS			
AFRC, Joliet, Il - ARNG, Joliet, IL -					
USAR, Joliet, IL -					
PROJECTS REQUESTED IN T	HIS PROGRAM	<del></del>			
CATEGORY			COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLETE
171-40	USARC/OMS	84,376 SF	10,381	09/91	06/93
Facilities identif Joint Service Rese	fied in Item 6 haverve Component Fac	ve been exami cility Board	for poss	ible (D.	ep 92
Facilities identification Joint Service Reservation Use/expansion	fied in Item 6 have erve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D.	sto)
Facilities identif Joint Service Rese joint use/expansion	fied in Item 6 have erve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	sto)
Joint Service Rese joint use/expansion 8. LAND ACQUISITION REQUIRE None 10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Joint Service Reservation Use/expansion LAND ACQUISITION REQUIRED None	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation USE/EXPANSION REQUIREMENTS NOTE: NOTE: TO PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation Service Reservation Regular None  10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation Service Reservation Regular None  10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation Service Reservation Regular None  10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation Service Reservation Regular None  10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation USE/EXPANSION REQUIREMENTS NOTE: NOTE: TO PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identif Joint Service Rese joint use/expansion 8. LAND ACQUISITION REQUIRE None 10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identif Joint Service Rese joint use/expansion 8. LAND ACQUISITION REQUIRE None 10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identif Joint Service Rese joint use/expansion 8. LAND ACQUISITION REQUIRE None 10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.
Facilities identification Service Reservation Service Reservation Service Reservation Regular None  10. PROJECTS PLANNED IN NE	fied in Item 6 haverve Component Fac on. The board rec	ve been exami cility Board	for poss	ible (D. onstruction)	on.

		1994 GUAF	D AND RE	SERVE		2. DATE
USAR	N.	ILITARY C				APR 93
3. INSTALLATION AND	LOCATION					
USAR Center,						:
1. PERSONNEL STRE	NGTH AS OF OCT	92				
	TOTAL OF	PERMANENT FICER ENLISTE	D CIVILIAN	G	JARD/RES	
AUTHORIZE	68	17 20		TOTAL	OFFICER	ENLISTED
				526	117	409
ACTUAL	67	17	31	520	106	414
2. RESERVE UNIT DA	TA ASGD/AU	TH 99%			STRENG	
IDET DEGIC		,,,			STRENG	
UNIT DESIGNATION OF THE UNIT D				AUTHORIZED 253		ACTUAL
416TH TDA (A				253 49		250 50
HSC 863 EN BI				224		220
Totals				526		520
				••		
3. MAJOR EQUIPMEN	T AND AIRCRAFT					
TYPE						
Wheeled Vehic				AUTHORIZED		ACTUAL
Trailers	cles			127		127
				127 50		127 50
Totals				127		127
Totals	cles	DEFICIENCIES		127 50 <u>6</u> 183		127 50 <u>-6</u>
Totals  4. OUTSTANDING PO	cles	DEFICIENCIES	(	127 50 <u>-6</u>		127 50 <u>-6</u>
Totals  4. OUTSTANDING PO  Air Pollution Water Polluti	Cles			127 50 <u>6</u> 183		127 50 <u>-6</u>
Tracked Vehic Totals  4. OUTSTANDING PO  Air Pollution Water Polluti Safety and Oc	Cles			127 50 <u>6</u> 183		127 50 <u>-6</u>

1. COMPONENT USAR	FY 1994 MILITARY C	ONSTRUC	TION PR	OJECT D	ATA	DATE APR 93
3. INSTALLATION AND L USAR Center, Argonne, IL	OCATION		4. PROJEC USARC/			
5. PROGRAM ELEMENT	6. CATEGORY CODE 171-40	CAR	94-0008		ROJECT COS	T (\$000)
	ITEM	COST ESTIMA	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILI Training Buil Maintenance B SUPPORTING FAC Site Improvem Telecommunica Paving Lighting Military Equi TOTAL CONSTRUC Contingencies Supervision a TOTAL PROJECT	ding uilding ILITIES: ent tions  pment Park TION COST (5.0%) nd Administration (	6.0%)	SF SF LS LS SY LS SY	70296 14080 7175 7050	27.35	7829 (6568) (1261) 1498 (957) (100) (196) (52) (193) 9327 466 588 10381

Construct a 600-member USAR center with Organizational and Direct Support Maintenance Shop. The project will construct a two-story, split faced masonry structure with a reinforced concrete slab and a one story masonry structure on a reinforced concrete slab for the Organizational Maintenance Shop. Air Conditioning: 80 Tons

11. REQUIREMENT: 84,376 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Construct a 600-member USAR center and Organizational Maintenance Shop. (Current Mission)
REQUIREMENT: This project is required to provide adequate training facilities for NHC, 416th ENCOM, 416th TDA (AUG) and HSC, 863d EN BN. The new facility will satisfy the administrative, storage, classroom, training, assembly hall and kitchen requirements normally associated with reserve units. In addition, this facility will satisfy the special mission requirements of the 416th ENCOM for a drafting room, photo lab, map storage room, soils lab and classified work area. Special laboratory training space will be provided for the facilities for the performance of routine maintenance required at the unit level and the DS shop will support the Logistics Mission Performance Training Program of HSC, 863d EN BN.

CURRENT SITUATION: Current facilities in use are four overcrowded USAR centers with the HHC, 416th ENCOM and 416th FE TDA (AUG) located in a grossly inadequate facility. This facility provides approximately 50% of their authorized total apace requirements and is critically short of administrative, storage, classroom and special training areas. The assembly hall is utilized for common administrative and classroom functions in addition to its normal uses. The classrooms, rifle range,

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APR 93
3. INSTALLATION A	ND LOCATION	
USAR Cente	er,	
Argonne, 1	L	
4. PROJECT TITLE	5. PRO	JECT NUMBER
USARC/OMS		94-00082

locker room and supply rooms have been converted to administrative space. There is no space available to conduct the special training functions of soils testing, drafting and photo laboratory operations. The Organizational Maintenance Shop has been converted to unit storage and military vans and land/sea containers are also utilized for unit storage. Privately Owned Vehicle parking is grossly inadequate, forcing unit members to park in the street, in adjacent lots or wherever space is available. The parking area for military vehicles is also seversly limited. The HSC, 863d EN EN is housed in facilities that are grossly inadequate for the training mission of a combat engineer unit and the (DS) mission. Execution of this project not only provides improved facilities for the 3 units included, but also for another 19 units which will remain or backfill existing facilities. The Corps of Engineers has screened Resolution Trust Corporation (RTC) properties and found none available for this project.

IMPACT IF NOT PROVIDED: With the continued use of substandard facilities, the units will not be able to properly conduct training exercises and be prepared to meet their readiness and mobilization objectives. The lack of special training areas required by the units will continue to adversely impact on the skill qualifications of the soldiers.

#### 12. SUPPLEMENTAL DATA:

- a. Estimated Design data:
  - (1) Status:

(a)	Date Design Started	09/91
(b)	Percent Complete as of Jan 93	65
(c)	Date Design 35% Complete	09/92
(d)	Date Design Complete	06/93

- (2) Basis:
  - (a) Standard or Definitive Design No
- (b) Where Design Was Most Recently used N/A

  (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000)

  (a) Production of Plans and Specifications. (10)

  (b) All Other Design Costs. (491)

  (c) Total (501)

  (d) Contract (0)
- b. Equipment associated with this project which will be provided from other appropriations:

1. COMPONENT USAR	Y 1994 MILITARY COI	NSTRUCTION PROJECT	DATÁ	2 DATE APR 93
L INSTALLATION AND LOCA	TION			1
USAR Center,			,	
Argonne, IL				
. PROJECT TITLE			5. PRO	JECT NUMBER
USARC/OHS			CAF	94-00082
		Fiscal Year		
Equipment	Procuring	Appropriated	Cos	st
Iomenclature	Appropriation	Or Requested	(\$00	<u>001</u>
		3005		00
Purniture	OMAR OMAR	1995 1994		00
(itchen Equipment Fire Partitions	OMAR	1994		15
Metal Lockers	OMAR	1994		15
Dehumidifier	OMAR	1994		3
Shelving	OMAR	1994		5
Total			5	58

1. COMPONENT	FY 1994 GUARD AND RESERVE	2. DATE
USAR	MILITARY CONSTRUCTION	APR 93
3. INSTALLATION A	ND LOCATION	4. AREA CONSTR COST INDEX
New Orleans	, LA	
5. FREQUENCY AND	TYPE UTILIZATION	0.89
Reservists	- 3 weekends/month; 2 nights/week	1
Full-Time P	ersonnel - 5 days/week	
6. OTHER ACTIVE/O	SUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS	_
Diamond USA	RC, New Orleans - 2 miles	
	RC, New Orleans - 3 miles	
US Navy Spt	Act, New Orleans - 10 miles	
7. PROJECTS REQU	ESTED IN THIS PROGRAM	
CATEGORY	COST	DESIGN STATUS
CODE	PROJECT TITLE SCOPE (\$000) STAI	
1911	Land Acquisition 9.4 AC 645 N/	A N/A
		,
		1
	FORCES FACILITIES BOARD RECOMMENDATION	01 Dec 92
	identified in frem 6 have been examined by the -	(Date)
joint use/e	ce Reserve Component Facility Board for possible openion. The board recommends unilateral constr	
9 LAND ACQUISITIO	N DECLIDED	
Fee	_	9.40 Number of Acres)
10. PROJECTS PLAN	NED IN NEXT FOUR YEARS	TUMOS OF ALTEST
None		
		1
		J
		ŀ
		l
		1

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USAR	FY 1994 MILITARY CON	ISTRUCT	ION PR	OJECT	DATA	1	
						A	PR 93
3. INSTALLATION AND L	OCATION	4	PROJEC	TITLE			
New Orleans,	LA	1	Land A	cquisi	ition		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER		8. PROJECT (	OST	(\$000)
55994A	1911 CAR 94-01534			14	645		
	9. COS	T ESTIMATE	s				
	ITEM		UM	QUANTY	TY UNIT C	оѕт	COST (\$000)
PRIMARY FACILI' Land Acquiei			AC	9.4			645 ( 645 )
Land will prov leased facility Maintenance Su 11. REQUIREMEN 11. REQUIREMENT: Acqu new USARC/OMS/ REQUIREMENT: 400-member USA CURRENT SITUAT Relocating the overcrowded co and 4152nd U costing \$221,5 Military Equip weapons and ve facility.	ire 9.4 acres of land AMSA in FY 99. (New An MCAR project is pr RC/OMS/AMSA in FY 99.	e: 0 in FY mission ogramme eming U osed ne SARC. leased 1 halls re avai e a maj	n an o ance S e cons AC 94 to ) d for SARC h w USAR The 41 facili, kitc lable. or pro	vercro hop (0 tructe Subst suppor constr conses C will 00th Pe tty with thens, Physi blem a	wided go wish shall be a shall be	orruct of a nite ate o., o squitte uurit sase	AC Lion of a new 3.  348th P & puare feet 3.  Ly of ed cesult in

FY 1994 GUARD MILITARY CO MILITARY CO ATION rehead City, NC TILIZATION reekend/month; 2 nightnel - 5 daye/week	NSTRUCTIO	N	4. A	PR 93 REA CONSTR OST MIDEX . 83
rehead City, NC TILIZATION reekend/month; 2 nigh nnel - 5 days/week RESERVE INSTALLATIONS WITHIN 1: rehead City, NC - 4 m	5 MILE RADIUS			
TILIZATION  Weekend/month; 2 night  nnel - 5 days/week  NESERVE INSTALLATIONS WITHIN 1: rehead City, NC - 4 m  N THIS PROGRAM	5 MILE RADIUS			
weekend/month; 2 nigh nnel - 5 days/week RESERVE INSTALLATIONS WITHIN 1: rehead City, NC - 4 m	5 MILE RADIUS			
nnel - 5 days/week  RESERVE INSTALLATIONS WITHIN 1: rehead City, NC - 4 m	5 MILE RADIUS			
rehead City, NC - 4 m	5 MILE RADIUS niles			
PROJECT TITLE				
	SCOPE	COST	DESIG	N STATUS
Add/Alt USARC/OMS		(\$000) 9,335	START 03/86	OB/93
ified in Item 6 have	been examin	ned by th	1e	ec 92
ion. The board reco	mmends unil	or possi	ble	on.
MRED				
				r of Acres)
	AMSA (Marine)  FACILITIES BOARD RECOMMENDA iffied in Item 6 have serve Component Faci	AMSA (Marine)  FACILITIES BOARD RECOMMENDATION  ified in Item 6 have been examinative Component Facility Board in the board recommends unils are to the board recommends are to the board recommends are to the board recommends unils are to the bo	AMSA (Marine)  FACILITIES BOARD RECOMMENDATION  ified in Item 6 have been examined by th serve Component Facility Board for possi ion. The board recommends unilateral co	AMSA (Marine)  FACILITIES BOARD RECOMMENDATION  ified in Item 6 have been examined by the serve Component Facility Board for possible for the board recommends unilateral construction.  IRRED  O.666 (Number 1)

COMPONENT				AND RES			
USAR		MILITA	HY COI	NSTRUCT	ION .		APR 93
INSTALLATION AND LO							
SAR Center, Mc							
PERSONNEL STRENGT	TH AS OF OC	t 92					
		PERM				GUAPO/RESE	
		OFFICER	ENLISTED	CMLIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	21		4	16	157	25	132
ACTUAL	19	1	3	15	139		115
2. RESERVE UNIT DATA	2007					STRENG	
	·	AUTH 89	•				
UNIT DESIGNAT					AUTHORIZED		ACTUAL 139
824 TRANS CO (I					157 0 •		0
AMSA 128 (M) (? Totals	makine)				157		139
maintenance su	pport for	the 82	time o	CO boats	B.		
maintenance su	pport for	the 82	4 TRANS	S CO boats			
		the 82	4 TRANS	CO boats			
13. MAJOR EQUIPMENT /		the 82	4 TRANS	CO boats			actual
maintenance sup  13. MAJOR EQUIPMENT /  TYPE Wheeled Vehicl	and aircraft	the 82	4 TRANS	CO boats	AUTHORIZEC	6	6
13. MAJOR EQUIPMENT / TYPE Wheeled Vehicl	and aircraft	the 82	4 TRANS		AUTHORIZED	6 <u>6</u>	6 _6
13. MAJOR ECUPMENT / TYPE Wheeled Vehicl	and aircraft	the 82	4 TRANS	. CO boats	AUTHOFIZEC	6 <u>6</u>	6
13. MAJOR EQUIPMENT / TYPE Wheeled Vehicl Trailers Total	AND AIRCRAFT	the 82	4 TRANS		AUTHORIZED	6 <u>6</u>	6 _6
TYPE Wheeled Vehicle Trailers Total	AND AIRCRAFT	the 82	4 TRANS	. (\$0	AUTHORIZED	6 <u>6</u>	6 _6
TYPE Wheeled Vehicle Trailers Total  14. OUTSTANDING POLL Air Pollution	AND AIRCRAFT  es	the 82	4 TRANS	(\$0	AUTHORIZED	6 <u>6</u>	6 _6
13. MAJOR EQUIPMENT / TYPE Wheeled Vehicl Trailers Total  14. OUTSTANDING POLL Air Pollution Water Pollutio	AND AIRCRAFT  68  UTION AND SAI	THE 82	4 TRANS	(\$0	AUTHORIZED	6 <u>6</u>	6 _6
13. MAJOR EQUIPMENT / TYPE Wheeled Vehicle Trailers Total  14. OUTSTANDING POLL Air Pollution	AND AIRCRAFT  68  UTION AND SAI	THE 82	4 TRANS	(\$0	AUTHORIZED	6 <u>6</u>	6 _6

USAR	FY 1994 MILITARY C	CONSTRUCTION PROJ	ECT DATA	APR 93
USAR Center, Morehead Cit		4. PROJECT TITE Add/Alt U		MSA (Marine)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER CAR 94-00478	8. PROJECT	COST (\$000)

PRIMARY FACILITIES:   Training Building   SF   16128   93.01   (1500)   (	5. GGG, GG, III.				
Training Building	тем .	UM	QUANTITY	UNIT COST	COST (\$000)
Supervision and Administration (6.0%)  TOTAL PROJECT COST  9335	Training Building Training Building Alteration Maintenance Building Piers, Berths And Bulkheads SUPPORTING FACILITIES: Site Improvement Telecommunications Paving Dredging Demolition Site Preparation Environmental Mitigation Utilities Temporary Lease For Construction TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administration (6.0%)	SF SF LS LS LS CY LS LS LS LS	9679 13200	46.03 89.87	(1500) (446) (1186) (3375) 1881 (76) (34) (105) (759) (304) (32) (76) (312) (183) 8388 419 528

Add a two-story training building and a one-story vehicle maintenance shop to the existing U.S. Army Reserve Center. The buildings are permanent construction with reinforced concrete foundations, concrete floor slabs, load-bearing masonry exterior walls, single-ply EPDM membrane over insulated steel deck on steel joists, mechanical systems, and electrical systems. Alter the existing training building for storage by changing interior partitions, erecting storage cages, and providing new mechanical systems. Demolish existing unit maintenance, Area Maintenance Support Activity, and storage buildings. Construct new piers, bulkheads, and boat 38 berths. Demolish an existing pier and bulkhead. Air Conditioning: Tons

REQUIREMENT: 39,007 SF Adequate: 0 SF Substandard: 11,453 SF 11.

PROJECT: Add to and alter the existing U.S. Army Reserve Center (USARC) with Organizational Maintenance Shop (OMS) and Area Maintenance Support Activity (AMSA). (New Mission) REQUIREMENT: This project will provide a 150-member training facility with administrative areas, classroom, library, learning center, assembly hall, arms vault, kitchen, and unit storage for one U.S. Army Reserve The maintenance shop will provide space for training to accomplish unit. organizational maintenance and for daily boat maintenance by the AMSA. The training building first floor and the maintenance building offices will be above the 100 year flood level. The berths will provide mooring space for boats operated by the unit. The project will also provide parking space for military and privately owned vehicles. CURRENT SITUATION: The site and buildings are a former commercial boat yard purchased in 1972. Existing facilities include a training building,

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APR 93
3. INSTALLATION A USAR Cente Morehead (	r,	
4. PROJECT TITLE	S. PRO	R 94-00478

a storage building, a small house, and four small buildings used for unit maintenance and the AMSA. The center is deficient in administrative, educational, assembly, maintenance, and parking space. Unit members must park privately owned vehicles on narrow city streets because parking area is severely limited at the center. There is insufficient berthing space for the five new Landing Craft, Utility (LCU) 2000 series boats the unit is receiving for force modernization. The LCU 2000 boats are 29% longer and 45% wider than the LCU 1600 series boats previously fielded to the Excavation of new berthing space and construction of new piers (650 LF) and bulkheads (1160 LF) are needed to comply with North Carolina guidelines on pier encroachment in navigable waters and to upgrade anchorage for the larger boats (174 FT long by 42 FT wide). Upgra anchorage will enable boats to remain moored during a hurricane. This requires demolition of an existing bulkhead (460 LF) and pier (180 LF). The existing training building will be altered for unit and AMSA storage. The existing house, storage building, AMSA, and unit maintenance buildings will be demolished (10,740 SF). Acquisition of an additional 0.66 acres of adjacent land for this project is ongoing to comply with restrictions by the state on the filling of public waters and wetlands. The state will also require environmental mitigation of approximately 6 acres for loss or conversion of estuarine bottoms and for loss of wetlands. The boats and AMSA must relocate off site to a temporary leased facility during construction. The Corps of Engineers has screened Resolution Trust Corporation (RTC) properties and found none available for this project. IMPACT IF NOT PROVIDED: The site cannot support the five new boats being fielded to the unit without this project. Other commercial waterfront property is not readily available for acquisition by the USAR. Second U.S. Army examined alternate government-owned sites within North Carolina but found them to be unacceptable due to excessive development and dredging costs. The unit may have to relocate outside of the Second U.S. Army area (southeast United States). Relocation of the unit would disrupt mission capability of the unit for an extended period of time through the loss of personnel. Key personnel require years of experience to qualify to operate these boats.

### 12. SUPPLEMENTAL DATA:

(1) Status:

a. Estimated Design data:

	(a) Date Design Started03/86
	(b) Percent Complete as of Jan 93
	(c) Date Design 35% Complete
	(d) Date Design Complete
(2)	Basis:
	(a) Standard or Definitive Design- No
	(b) Where Design Was Most Recently Used N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e) : $($000)$
	(a) Production of Plans and Specifications(0)
	(b) All Other Design Costs(0)
	(c) Total( <u>803</u> )
	(d) Contract( <u>132</u> )

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTIO	N PROJECT DATA	2. DATE APR 93
3 INSTALLATION AN USAR Cente Morehead C	r, .		
4. PROJECT TITLE Add/Alt US	ARC/OMS/AMSA (Marine)		94-00478
	(e) In-house		571)

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ( <u>\$000</u> )
Furniture	OMAR	1995	111
Kitchen Equipmen	t OMAR	1994	100
Wire Partitions	OMAR	1994	87
Metal Lockers	OMAR	1994	2
Dehumidifier	OMAR	1994	1
Shelving	OMAR	1994	_30
Totals			331

USAR		D AND RESERVENSTRUCTION	E	2. DATE APR 93
3. INSTALLATION AF			·	4. AREA CONSTR COST INDEX
	, Columbus, OH			
FREQUENCY AND				0.97
S. PREGOENCY AND	THE UTILIZATION			
	- 3 weekends/month; 4 ni ersonnel - 5 days/week	ights/week		
USNR, Columbus USARC, Columbus	UARDMESERVE INSTALLATIONS WITHIN bus, OH - 9 miles mbus, OH - 4 miles mbus, OH - 6 miles , Columbus, OH - 10 mile			
7. PROJECTS REQU	ESTED IN THIS PROGRAM			
CATEGORY CODE	PROJECT TITLE		COST (\$000)	DESIGN STATUS START COMPLETE
171-40	USARC/OMS/AMSA DS-GS	155,542 SF	14,701	12/87 10/91
Joint Servi	FORCES FACILITIES BOARD RECOMMEN identified in Item 6 hav ce Reserve Component Fac	ve been examine cility Board fo	r possi	ble
Joint Servi	identified in Item 6 have ce Reserve Component Fac expansion. The board rec	ve been examine cility Board fo	r possi	ble (Date)
Joint Servi joint use/e 9. LAND ACQUISITION None	identified in Item 6 have ce Reserve Component Fac expansion. The board rec ON RECOURED	ve been examine cility Board fo	r possi	ble (Date)
Joint Servi joint use/e 9. LAND ACQUISITION None	identified in Item 6 have ce Reserve Component Fac expansion. The board rec	ve been examine cility Board fo	r possi	ble (Date) enstruction.

1. COMPONENT	F	Y 1994	GUARD	AND RES	SERVE		2. DATE
USAR		MILIT	ARY CO	NSTRUCT	LION		APR 93
3. INSTALLATION AND	LOCATION						
USAR Center,	Columbus,	ОН					
11. PERSONNEL STRE	NGTH AS OF	oct 92					
	TOTAL	PER OFFICER	MANENT			SUARD/RES	
			ENLISTED	CIMILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	110	20	40	50	1144	201	943
ACTUAL	113	20	39	54	1019		828
12. RESERVE UNIT DA							
		/AUTH 8	98			STREN	этн
UNIT DESIG	ENATION				AUTHORIZED		ACTUAL
83RD ARCOM					254		241
9TH JAG DET (	(MLA) M				26		27
367TH PA DET					5		6
326TH MH DET					13		13
2078TH USARF	SCHOOT.				3 134		2
307TH MED GP	2011002				52		81 123
758TH MAINT C	0				275		179
828TH MAINT D	DET				7		4
837TH MAINT D	ET				16		11
870TH MAINT D	ET				18		11
347TH PERS SV	C CTR				176		161
325TH FIN CTF	₹				93		90
338TH BAND					45		43
375TH MP CO					27		27
Totals					1144		1019
13. MAJOR EQUIPMEN	T AND AIRCRAFT						
TYPE					AUTHORIZED		ACTUAL
Wheeled Vehic	les				145		145
Trailers					61		61
Tracked Vehic	les				_207		207
Totals					413		413
4 OUTSTANDING POL	LUTION AND SAF	ETY DEFICE	ENCIES	(\$000	`		
Air Pollution				(\$000	,		
Water Polluti				ő			
Safety and Oc		Health	ı	ő			
Form 1390S/2	2, MAY 78	REPLACES	DD FORM 13	190S, DEC 76, W	WHICH IS OBSOLE	TE	Page 2 of

1. COMPONENT USAR	FY 1994 MILITARY C	ONSTRUC	TION PE	ROJECT	DATA	2. D	ATE R 93
3 INSTALLATION AND LOC	ATION					L AF	K 33
USAR Center	ATION		4. PROJEC				
Columbus, OH			USARC/	OMS/AM	SA/DS-G	Ş	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7 PRO II	CT NUMBER	- 17	. PROJECT C	OST /	10001
S. T TO G TO MI CECIMETET	W. CATEGORY CODE	/. PA036	CINOMBER	, I,	s. Phoseci C	OS1 (1	3000)
55994A	171-40	CAR	94-0024	15	14,701		
	9.	COST ESTIMA	TES				
	ITEM		<b>U/M</b>	QUANTIT	Y UNIT CO	OST	COST
							(\$000)
PRIMARY FACILITI						. 1.	10842
Training Buildi			SF				(7430)
Maintenance Bui	lding		SF			(	(2160)
Warehouse			SF	2658	38 47.	09	(1252)
SUPPORTING FACIL					- 1	- 1	2367
Site Improvemen			LS			1	(439)
Telecommunicati	ons		LS		- 1	- 1	(139)
Paving			SY	1886	50 27.	35	(516)
Lighting			LS		- 1	- 1	(272)
Loading Dock		LS				(47)	
Military Equipment Park		SY	2496	66 27.	35	(683)	
Utilities			LS		- 1		(_271)
TOTAL CONSTRUCTION COST					- 1		13209
Contingencies (					1	- 1	660
	Administration (	6.0%)					832
rotal project co	ST		1		1		14701

This project will provide construction of a new two-story, splitfaced ribbed block masonry training building, a one story maintenance shop and one story metal siding storage facility. The project will include site development, private auto and military equipment parking and all utilities required to support the facilities. Air Conditioning: 119 Tons

11. REQUIREMENT: 155,542 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Construct an 800-member U.S. Army Reserve center, Organizational Maintenance Shop, Army Maintenance Support Activity (AMSA) and Direct Support/General Support (DS-GS) shop with privately owned vehicles (POV) and military equipment parking. (Current Mission) REQUIREMENT: This facility will provide facilities support for six units consisting of a U.S. Army Reserve Command headquarters, four maintenance units, a military police company and a medical group headquarters. The training facility will provide the required administrative space, small library, learning centers, arms vault, arms maintenance area, dining facilities, storage areas and assembly hall. The maintenance shop will provide equipment work bays, a supervisory office space, administrative area, tool and parts room, a battery storage and charging room and flammable storage area. Military equipment and POV parking will be provided.

CURRENT SITUATION: Units currently occupy two government owned USAR centers, two existing buildings at Fort Hayes and four leased facilities. These facilities are grossly overcrowded and do not provide sufficient administrative area, training space and equipment storage space for unit and individual equipment. The buildings are poorly insulated with outdated, inefficient heating plants which are expensive to operate. The

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION A USAR Cente Columbus,	er	:		
4. PROJECT TITLE USARC/OMS	/AMSA/DS-GS	OJECT NUMBER		

facilities provide minimal space for classrooms, storage of training manuals and other learning materials. Areas to conduct individual skill training are limited. Insufficient space has required the Army to lease off-site facilities to satisfy unit equipment and storage. A leased facility that provides 80,431 square feet will be eliminated upon completion of this project. The Corps of Engineers has screened Resolution Trust Corporation (RTC) properties and found none available for this project.

IMPACT IF NOT PROVIDED: The assigned units will continue to suffer from poor administrative support affecting the retention and recruiting of unit members. Insufficient classrooms and training facilities will severely, impact on the individual skill qualifications of the individual soldier and the abilities of the units to train for wartime missions. Shortages of storage, maintenance and military equipment parking areas will continue to waste valuable training time traveling between the various locations off-site.

#### 12. SUPPLEMENTAL DATA:

a. Estimated Design data:

(1) Status:

(a)	Date Design Started	12/87
(b)	Percent Complete as of Jan 93	100
(c)	Date Design 35% Complete	07/89
(d)	Date Design Complete	10/91

(2) Basis:

(a) Standard or Definitive Design - No

	(b)	Where Design Was Most Recently Used	N/A
(3)	Tota	l cost (c) = (a) + (b) or (d) + (e) : (	\$000)
	(a)	Production of Plans and Specifications(	725)
	(b)	All Other Design Costs(	130)
	(C)	Total(	855)
	(d)	Contract(	5)
	(e)	In-house(	850)
(4)	Con	struction start0	4/94

b. Equipment associated with this project which will be provided from other appropriations:

Equipment	Procuring	Fiscal Year Appropriated	Cost
Nomenclature	Appropriation	Or Requested	(\$000)
Furniture	OMAR	1995	778
Kitchen Equipment	t OMAR	1994	52
Wire Partitions	OMAR	1994	299
Metal Lockers	OMAR	1994	4
Dehumidifier	OMAR	1994	2
Shelving	OMAR	1994	65
Totals			1200

1. COMPONENT				Ta aire
	FY 1994 GUAR			2. DATE
USAR	MILITARY CO	NSTRUCTI	ON	APR 93
3. INSTALLATION A	ND LOCATION			4. AREA CONSTR COST INDEX
USARC (Jack	son Blvd), Ft Jackson, S	ic .		0.82
5. FREQUENCY AND	TYPE UTILIZATION			
	- 3 weekends/month; 5 ni	.ghts/week		
Pull-Time P	ersonnel - 5 days/week			
6. OTHER ACTIVE/G	WARD/RESERVE INSTALLATIONS WITHIN	15 MILE RADIUS		·
-	, Columbia, SC - 10 mile			
	, Ft. Jackson (Boyden Ar		lles	
	, Ft. Jackson (Lee Road) , Columbia, SC - 10 mile			
OSAK Center	, columbia, SC - 10 mile	В		
7. PROJECTS REQU	ESTED IN THIS PROGRAM			
CATEGORY			COST	DECIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	DESIGN STATUS START COMPLETE
171-40	USARC/OMS/DS	101.856	10,428	06/86 06/92
	, , , , , , , , , , , , , , , , , , , ,	,	20,120	00,72
8 STATE RESERVE	FORCES FACILITIES BOARD RECOMMEND	ATION		
	identified in Item 6 hav		nined by th	e 15 Oct 92
	ce Reserve Component Fac			
joint use/ex	pansion. The board rec	ommends uni	lateral co	nstruction.
9 LAND ACQUISITIO	N REQUIRED			0
None				(Number of Acres)
	NED IN NEXT FOUR YEARS			
None				

1. COMPONENT			2. DATE	
USAR	FY 1994 GUARD AND RESERVE MILITARY CONSTRUCTION			
3. INSTALLATION AND	<del></del>			
USARC (Jackson	on Blvd), Ft Jackson, SC			
11. PERSONNEL STRE	NGTH AS OF Oct 92			
.•	PERIMANENT TOTAL OFFICER ENLISTED CIVILIAN	GUARDAR TOTAL OFFICE		
AUTHORIZE	36 4 22 10	800 22	3 577	
ACTUAL	36 4 22 10	715 18		
ACTUAL			<del> </del>	
12. RESERVE UNIT DA	TA CONTRACTOR		W.	
	ASGD/AUTH 89%		NGTH	
UNIT DESIG		AUTHORIZED	ACTUAL	
HHC, 360th C/		132	124	
175th MAINT (	0	276	221	
12th JA DET		87	55	
3270th USA HO		178	200	
3287th USARF Totals	SCHOOL	127 800	<u>115</u> 715	
13. MAJOR EQUIPMEN	VT AND AIRCRAFT			
TYPE		AUTHORIZED	ACTUAL	
Wheeled Vehic	cles	76	76	
Trailers		62	62	
Tracked Vehice Totals	cles	<u>1</u> 139	139	
14. OUTSTANDING PO	DILLUTION AND SAFETY DEFICIENCIES			
	(\$000)			
Air Pollution				
Water Pollut: Safety and Oc	ion 0 ccupational Health 0			

1. COMPONENT USAR	FY 1994 MILITARY	CONSTRUCTI	ON PROJE	CT DATA	2. DATE APR 93
3. INSTALLATION AND LO USAR Center ( Ft. Jackson S	Jackson. Blvd)	1	PROJECT TITL SARC/OMS		
5. PROGRAM ELEMENT 55994A	6. CATEGORY CODE 171-40	7. PROJECT	NUMBER -01376	8. PROJECT	

F. Cost Estimat	E-3			
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES: Training Building Maintenance Building Warehouse SUPPORTING FACILITIES: Site Improvement Telecommunications Paving Site Preparation Utilities Fencing Storm Drainage Demolition TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administrative (6.0%) TOTAL PROJECT COST	SF SF SF LS LS SY LS LS LF LF	68489 25565 7802 45511 2500 4355	71.52 91.25 60.80 12.75 17.89 54.65	7705 (4898) (2333) (474) 1665 (153) (90) (580) (53) (474) (45) (238) (32) 9370 468 590 10428

Construct a new two-story training building, a new one-story vehicle maintenance shop, and a new one-story warehouse. The buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer exterior walls, standing seam metal roof with cementitious insulating deck, mechanical systems, and electrical systems. Supporting facilities will include demolition of existing structures, paving, fencing, wash rack with oil/water separator, site improvements, and extension of utilities to serve the project. Air Conditioning: 120 Tons.

11. REQUIREMENT: 101,856 SF Adequate: 0 SF Substandard: 44,796 SF

PROJECT: Construct a new U.S. Army Reserve Center (USARC) with Organizational and Direct Support Maintenance Shops, and a warehouse. (New Mission)

REQUIREMENT: This project will provide an 800-member training facility with administrative areas, classroom, library, learning center, assembly hall, arms vault, kitchen, and unit storage functions for five U.S. Army Reserve units. The maintenance shop will provide space to train maintenance personnel to accomplish organizational and direct support vehicle maintenance. The warehouse will provide space to receive, inventory, recover and store direct support repair parts. Additionally, there will be adequate parking for all military and privately owned vehicles.

CURRENT SITUATION: There are three U.S. Army Reserve centers on Fort Jackson, SC and a leased facility in Columbia, SC. The USAR Center at Forest Drive must be vacated because the property has been declared excess, and Fort Jackson is selling the property to private developers.

1. COMPONENT USAR	FY 1994 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APR 93
3. INSTALLATION USAR Con Ft. Jack	ter (Jackson. Blvd)	
4. PROJECT TITL USARC/OM	s/ns	DJECT NUMBER IR 94-01376

The USAR Center at Boyden Arbor Road is expanding in FY 1992 to accommodate eleven units, including six units displaced from the Forest Drive Center. A new USAR Center will be constructed on a 28.8 acre site at Fort Jackson (Jackson Boulevard) to accommodate three units displaced from the Forest Drive Center, one unit located in the overcrowded Lee Road Center, and one unit located in the substandard leased facility. The leased facility is an old truck terminal located ten miles from Fort Jackson. It is deficient in administrative, classroom, secure storage, and latrine space. There is no library or learning center to support training. There is no kitchen for food service personnel. The maintenance area is deficient in administrative, parts/tools storage, battery/flammable storage, and latrine space. A crane is not available in the building to lift heavy components. Equipment must be sent to the support installation for repair, although unit personnel could do it, if adequate facilities were available. Facility offsets are the Forest Drive center with OMS (19,607 SF) being disposed of as excess, and termination of the lease (25,162 SF). The Corps of Engineers has acreened Resolution Trust Corporation (RTC) properties and found none available for this project.

IMPACT IF NOT PROVIDED: Severe overcrowding will continue in facilities at the Lee Road Center (Fort Jackson) and the leased facility in Columbia. Acquisition of temporary World War II buildings on Fort Jackson, or additional leased facilities, will be necessary to relocate 120th ARCOM units from the Forest Drive Center. The lack of adequate maintenance facilities will continue to delay repair of unit equipment.

#### 12. SUPPLEMENTAL DATA:

a. Estimated Design data:(1) Status:

	(c)	Date Design 35% Complete
	(d)	Date Design Complete06/92
(2)	Basi	8:
	(a)	Standard or Definitive Design - Ro
	(b)	Where Design Was Most Recently Used N/A
(3)	Tota	$1 \cos t (c) = (a) + (b) \text{ or } (d) + (e) : ($000)$
	(a)	Production of Plans and Specifications(620)
	(b)	All Other Design Coata( <u>546</u> )
	(c)	Total(1166)
	(b)	Contract(_48)
	(e)	In-house( <u>1118</u> )
(4)	Cons	truction start01/94

b. Equipment associated with this project which will be provided from other appropriations:

2. MSTALLATION AND LOCATIO USAR Center (Jac) Pt. Jackson SC 4. PROJECT TITLE USARC/OMS/DS	cocuring propriation OMAR	Piscal Year Appropriated Or Requested 1995 1994	s. PROJE	APR 93 CCT NUMBER 94-01376
USAR Center (Jack Pt. Jackson SC PROJECT TILE USARC/OMS/DS  quipment Promenclature Are urniture itchen Equipment ire Partitions ehumidifier helving	cocuring propriation OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994	CAR	94-01376
Pt. Jackson SC PROJECT TITLE USARC/OMS/DS  Equipment Promenclature Are varniture itchen Equipment ire Partitions ehumidifier helving	ocuring  propriation  OMAR  OMAR  OMAR  OMAR  OMAR  OMAR  OMAR	Appropriated Or Requested  1995 1994 1994	CAR	94-01376
USARC/OMS/DS  Equipment Pr  Momenclature Ar  Furniture  Mire Partitions  Wehumidifier  Shelving	OMAR OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994	CAR	94-01376
Equipment Professional Professi	OMAR OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994	CAR	94-01376
Equipment Properties Approximations Partitions Dehumidifier Scholars	OMAR OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994	Cc	ost
Tomenclature Ap Turniture Sitchen Equipment Fire Partitions Wehumidifier Shelving	OMAR OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994		
Comenciature Ap Turniture Sitchen Equipment Fire Partitions Webumidifier Thelving	OMAR OMAR OMAR OMAR OMAR OMAR OMAR	Appropriated Or Requested  1995 1994 1994		
Furniture Kitchen Equipment Wire Partitions Dehumidifier Shelving	OMAR OMAR OMAR OMAR OMAR	1995 1994 1994	(\$0	
itchen Equipment lire Partitions ehumidifier helving	OMAR OMAR OMAR OMAR	1994 1994		100)
Kitchen Equipment Fire Partitions Dehumidifier Shelving	OMAR OMAR OMAR OMAR	1994 1994		
ire Partitions Chumidifier Chelving	OMAR OMAR OMAR	1994		533
ehumidifier Shelving	OMAR OMAR		-	49 286
helving	OMAR	1994		
		1994		1
		1774		<u>60</u> 929
				٠

					1	
1. COMPONENT USAR			AND RESERY ISTRUCTION		2. DATE	1
3. INSTALLATION A	NO LOCATION				4. AREA	CONSTR
					COST	CONSTR INDEX
USAR Center	, Ft. Lewis, WA				1.1	0
5. FREQUENCY AND	TYPE LITILIZATION					
						- 1
Reservists	- 3 weekends/mont	th: 3 nig	nts/week			- 1
	ersonnel - 5 days					- 1
		,				l
						1
C OTHER ACTRE	SUARD/RESERVE INSTALLATI	ONS WITHIN 16	MILE RADIUS			
	. Lewis, WA - 0 t					l l
	oma, WA - 15 mile					i
	, Tacoma, WA - 20					l
	, Tacoma, WA - 2					I
OSKK CENCEL	, 14001114, 1111					- 1
7. PROJECTS REQU	ESTED IN THIS PROGRAM					
CATEGORY				COST	DESIGN S	TATUS
CODE	PROJECT	TITLE	SCOPE	(\$000)	START	COMPLETE
		os (uhao	106 502 55	14 703	01/86	02/93
171-40	USARC/AMSA/OMS/E	C2/Wuse	100,502 SF	14,703	01/80	02/93
l						
1						
ļ						
	FORCES FACILITIES BOARD				16 Ap	r 92
	identified in It				e	
Joint Servi	ce Reserve Compo	nent Faci	lity Board f	or possi	ble	
joint use/e	xpansion. The b	oard reco	mmends unila	teral co	nstructio	n.
9. LAND ACQUISIT	ON REQUIRED				0	
None						of Acres)
10 PROJECTS PLA	NNED IN NEXT FOUR YEARS					
None						
, tone						
1						
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<b>DD Form 1390</b>	S/1. MAY 78	1	20/215			Page 1 of 2

11-30

1. COMPONENT	F	Y 1994	GUARD	AND RE	SERVE		2. DATE
USAR		MILIT	ARY CO	NSTRUCT	TION	•	APR 93
INSTALLATION AND LOCA	ATION						
USAR Center, Ft.	Lewis,	WA					
1. PERSONNEL STRENGTH	AS OF O	ct 92	-		·		
			MANENT			GUARD/RES	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	30	2	15	13	920	_189	731
ACTUAL	18	2	7	9	997	184	813
12. RESERVE UNIT DATA ASGD/AUTH 108%						STREN	GTH .
UNIT DESIGNATIO		AUTHORIZED		ACTUAL			
3 BN, 104 TSB, 1					179		164
4 BN, 104 TSB, 1					134		126
4 IN BDE, 104 DI					50		37
413 IN REGT, 2 B					22		31
413 IN REGT, 2 B	N, CO D				22		31
415 IN REGT, 2 B					22		17
415 IN REGT, 2 B					22		23
415 IN REGT, 2 BN, CO C				22		31	
415 IN REGT, 2 B					22		31
415 IN REGT, 2 8	•				22		22
415 IN REGT, 2 B					14		23
CO A, 50 GEN HOS					125		171
300 TC DET MOVE					48		51
307 MI CO CI INT	ER				91		94
448 CA CO					125	• *	145
Totals					920		997
3 MAJOR EQUIPMENT AND	AIRCRAFT		-				
TYPE					AUTHORIZED		ACTUAL
Wheeled Vehicles					67		20
Trailers					28		0
Tracked Vehicles					_12		12
Totals					107		32
4. OUTSTANDING POLICY	ON AND CAT	TTV DEFIN	ENOIE E				
4. OUTSTANDING POLLUTION	UN AND SAF	ETT DEFICI	ENCIES			(\$000)	
Air Pollution						0	
Water Pollution						0	
Safety and Occup	ational	Healt	ו			0	
D Form 1390S/2, M		0000000	0.00.5-2:		WHICH IS OBSO	FTC	Page 2

1. COMPONENT USAR	FY 1994 MILITARY C	CONSTRUCTION PROJE	CT DATA	2. DATE APR 93
3. INSTALLATION AND LO USAR Center, Pt Lewis, WA	CATION	4. PROJECT TITL USARC/AMS	E A/OMS/ECS/	Whse
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	B. PROJECT	COST (\$000)
55994A	171-40	CAR 94-00787	14,703	

ПЕМ	UAM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES: Training Building Maintenance Building Warehouse SUPPORTING FACILITIES: Site Improvement Telecommunications Paving Lighting Wash Racks Utilities/Loading Ramp/Hardstand Site Preparation & Fencing Information Systems (Fiber Optic) TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administration (6.0%) TOTAL PROJECT COST	SF SF SF LS LS LS LS LS LS LS	38000 44000	93.80 146.00 66.38 31.84	9536 (5389) (1625) (2522) 3674 (457) (101) (1400) (90) (23) (707) (596) (300) 13210 661 832 14703
	- 1	I	1	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will provide a new training center, maintenance shop and warehouse complete with an integrated site development. Construction will be a masonry and steel frame structure with a built-up roofing system.

Air Conditioning: 95 Tons

## 11. REQUIREMENT: 106,582 SF Adequate: 0 SF Substandard: 0 SF

PROJECT: Construct an 800-member USAR Center (USARC), Organizational Maintenance Shop (OMS), Area Maintenance Support Activity (AMSA) and Equipment Concentration Site (ECS) and warehouse. (Current Mission) REQUIREMENT: This facility will provide adequate training facilities for the assigned units and provide space to conduct training as an integral unit as well as the development of team work necessary for readiness. Unit personnel require functional and organizational space to conduct unit administration, training and storage of weapons, equipment and supplies. Assembly and classroom spaces are required to support the training missions of the various units. The standard design kitchen will provide hot meals to the soldiers during drill weekends as well as augment the training of the units cooks. Maintenance and hands-on type maintenance training will be conducted in the six-bay OMS and AMSA facility. Project provides sufficient parking areas for a military equipment park (MEP) and privately owned vehicles (POV). CURRENT SITUATION: Current facilities are World War II barracks type buildings scheduled for demolition. The existing facilities do not meet minimum standards and requirements for a USAR Center, ECS storage and lack many of the required OSHA safety standards to function as a repair and maintenance facility. The Corps of Engineers has screened Resolution Trust Corporation (RTC) properties and found none available for this

1. COMPONENT	FY 1994 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USAR	FT 1994 MILITARY CONSTRUCTION PROJECT DATA	APR 93
3. INSTALLATION A	ND LOCATION	
USAR Cent	er,	
Ft Lewis,	WA	
4. PROJECT TITLE	5. PRO	JECT NUMBER
USARC/AMS	/OMS/ECS/Whse	R 94-00787

## project.

IMPACT IF NOT PROVIDED: Without this project, the current substandard facilities will continue to impact significantly upon morale and the various units' ability to conduct effective, realistic and meaningful training to meet their readiness and mobilization missions.

## 12. SUPPLEMENTAL DATA:

a. Estimated Design data:

(1)	Stat	us:		
	(a)	Date	Design	

Started.....01/86 Percent Complete as of Jan 93.... 95 

(2) Basis:

(c) Total.....(1059) 
 (d) Contract
 ( 0 )

 (e) In-house
 ( 1059 )

b. Equipment associated with this project which will be provided from other appropriations:

1		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
Nomenclature	Appropriation	Or Requested	(\$000)
Furniture	OMAR	1995	334
Kitchen Equipment	OMAR	1994	40
Wire Partitions	OMAR	1994	76
Metal Lockers	OMAR	1994	18
Dehumidifier	OMAR	1994	3
Shelving	OMAR	1994	18
Total			489
1			

1. COMPONENT						2.	DATE
USAR	FY 1994 MILITAR	Y CONSTRUC	TION PE	ROJECT	DAT	Α	APR 93
3. INSTALLATION AND	LOCATION		4. PROJEC	T TITLE			
Various Loca	tions		Unspec				
			Minor				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER		8. PRO	JECT COS	T (\$000)
55994A	171-40	N/A			2,1	100	
		9. COST ESTIMAT	ES				
	ITEM		UM	QUANTI	77 (	INIT COST	COST (\$000)
Unspecified Mi	inor Construction		LS				2,100
					İ		
					- 1		1

10. DESCRIPTION OF PROPOSED CONSTRUCTION Provide a lump sum for unspec

Provide a lump sum for unspecified minor construction projects, not otherwise authorized by law, having a funded cost not to exceed \$400,000, including construction, alterations or conversion of permanent or temporary facilities, in accordance with 10 USC 2233 and 2233a.

11. <u>REQUIREMENT:</u> This program provides the means of accomplishing projects not exceeding \$400,000 that are not now identified, but which are anticipated to arise during FY 94 to satisfy critical, unforeseen mission requirements.

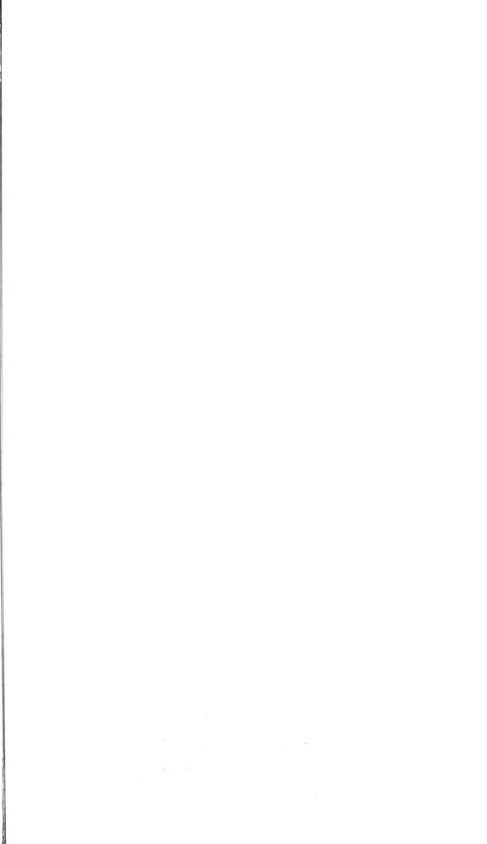
CURRENT SITUATION: During FY 94, the USAR will undergo numerous conversions and reatructuring. Many urgent facilities requirements not now identified may arise, required on an urgent basis to support the arrival and redistribution of equipment. Unforeseen and urgent environmental requirements to meet the state and federal laws are also typical projects that must be accomplished.

IMPACT IF NOT PROVIDED: Deterioration of facilities beyond a useful . life. Security problems, low retention, and lost training space are by products of poor facilities; increased utility coats and leases result. Lost flexibility to fund at this level insures greater project scope and costs later.

1. COMPONENT				_			2. DATE	
USAR F	Y 1994 MILITARY C	ONSTRUC	CTION PE	ROJEC	T DA	ATA	APR 93	
3. INSTALLATION AND LOCAL Appropriate USA: Necessary	TION R Installations	ås	4. PROJEC Planni		nd a	Design	n	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER 8. PROJECT COST (\$000)					
55994A	171-40	N/A			4	4,897		
	9.	COST ESTIMA	TES					
	ІТЕМ		U/M	QUAN	ΠΤΥ	UNIT COS	COST (\$000)	
Various Locations			LS				4,897	
10. DESCRIPTION OF PROPOS Prepare engineer c to be constructed program.  11. REQUIREMENT: projects that sup	drawings and spe as part of the To provide for	Military design	Construction of neces	uctio	n Ar	my Res	erve	

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